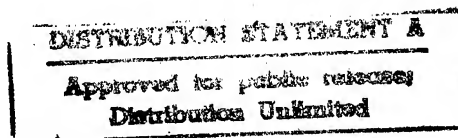
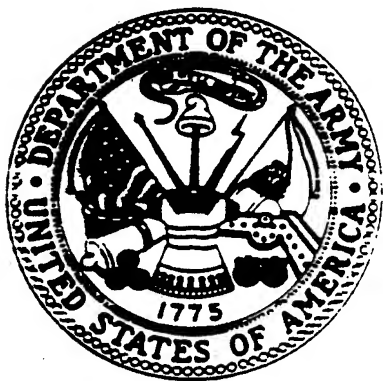


Department of the Army

FY 1998 / FY 1999

Biennial Budget Estimates

**Military Construction, Family Housing,
& Homeowners Assistance**



19970304 019

Justification Data Submitted to Congress
February 1997

ARMY Budget Documents
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PART II - AFH

PART III - HOMEOWNERS ASSISTANCE

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Arizona	38674	Fort Huachuca (TRADOC) Whole Barracks Complex Renewal	20,000	20,000	C	3 5
		Subtotal Fort Huachuca PART I	\$ 20,000	20,000		
		* TOTAL MCA FOR Arizona	\$ 20,000	20,000		
California	45186	Concord Naval Weapons Sta (MIMC) Ordnance Support Facility	23,000	23,000	C	11 13
		Subtotal Concord Naval Weapons Sta PART I	\$ 23,000	23,000		
		* TOTAL MCA FOR California	\$ 23,000	23,000		
Colorado	41696	Fort Carson (FORSCOM) Close Combat Tactical Trainer Building	7,300	7,300	N	19 21
		Subtotal Fort Carson PART I	\$ 7,300	7,300		
		* TOTAL MCA FOR Colorado	\$ 7,300	7,300		
Georgia	40805	Fort Gordon (TRADOC) Whole Barracks Complex Renewal	22,000	22,000	C	27 29
		Subtotal Fort Gordon PART I	\$ 22,000	22,000		
		* TOTAL MCA FOR Georgia	\$ 22,000	22,000		
Hawaii	44839	Schofield Barracks (USARPAC) Whole Barracks Complex Renewal	44,000	44,000	C	35 37
		Subtotal Schofield Barracks PART I	\$ 44,000	44,000		
		* TOTAL MCA FOR Hawaii	\$ 44,000	44,000		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Indiana		Crane Army Ammunition Activity (AMC)				43
	43249	Ammunition Containerization Complex Ph I	7,700	7,700	C	45
		Subtotal Crane Army Ammunition Activity PART I \$	7,700	7,700		
		* TOTAL MCA FOR Indiana	\$ 7,700	7,700		
Kansas		Fort Leavenworth (TRADOC)				51
	41069	US Disciplinary Barracks	63,000	63,000	C	53
		Subtotal Fort Leavenworth PART I	\$ 63,000	63,000		
		Fort Riley (FORSCOM)				57
	41706	Close Combat Tactical Trainer Building	7,300	7,300	N	59
	46871	Whole Barracks Complex Renewal	18,500	18,500	C	62
		Subtotal Fort Riley PART I	\$ 25,800	25,800		
		* TOTAL MCA FOR Kansas	\$ 88,800	88,800		
Kentucky		Fort Campbell (FORSCOM)				67
	46740	Whole Barracks Complex Renewal	37,000	37,000	C	69
		Subtotal Fort Campbell PART I	\$ 37,000	37,000		
		Fort Knox (TRADOC)				73
	48228	Whole Barracks Complex Renewal	0	22,000	C	75
		Subtotal Fort Knox PART I	\$ 0	22,000		
		* TOTAL MCA FOR Kentucky	\$ 37,000	59,000		
New Mexico		White Sands Missile Range (AMC)				81
	45468	National Range Control Center - Ph II	0	18,000	C	83
		Subtotal White Sands Missile Range PART I	\$ 0	18,000		
		* TOTAL MCA FOR New Mexico	\$ 0	18,000		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	NEW/ APPROPRIATION REQUEST	CURRENT MISSION	PAGE
South Carolina		Charleston Naval Weapons Sta (AMC)				89
	43564	Army Strategic Maintenance Complex Ph III	7,700	7,700	N	91
		Subtotal Charleston Naval Weapons Sta PART I	\$ 7,700	7,700		
		* TOTAL MCA FOR South Carolina	\$ 7,700	7,700		
Texas		Fort Sam Houston (FORSCOM)				97
	47241	Whole Barracks Complex Renewal	16,000	16,000	N	99
		Subtotal Fort Sam Houston PART I	\$ 16,000	16,000		
		* TOTAL MCA FOR Texas	\$ 16,000	16,000		
Virginia		Fort A P Hill (MDW)				105
	36250	Central Vehicle Wash Facility	5,400	5,400	C	107
		Subtotal Fort A P Hill PART I	\$ 5,400	5,400		
		Charlottesville (TRADOC)				111
	49027	National Ground Intelligence Ctr Design	3,100	3,100	N	113
		Subtotal Charlottesville PART I	\$ 3,100	3,100		
		Fort Myer (MDW)				115
	45522	Whole Barracks Complex Renewal	8,200	8,200	C	117
		Subtotal Fort Myer PART I	\$ 8,200	8,200		
		* TOTAL MCA FOR Virginia	\$ 16,700	16,700		
Washington		Fort Lewis (FORSCOM)				123
	44798	Tank Trail Erosion Mitigation - Yakima	2,000	2,000	C	125
	46748	Whole Barracks Complex Renewal	31,000	31,000	C	128
		Subtotal Fort Lewis PART I	\$ 33,000	33,000		
		* TOTAL MCA FOR Washington	\$ 33,000	33,000		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
OUTSIDE THE UNITED STATES

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
NUMBER	PROJECT TITLE					
** TOTAL INSIDE THE UNITED STATES FOR MCA			\$ 323,200	363,200		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
OUTSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Germany		Germany Various (USAREUR)				133
		Mannheim				
		Ansbach				
	47300	Whole Barracks Complex Renewal	22,000	22,000	N	135
		Heidelberg				
	47941	Whole Barracks Complex Renewal	8,800	8,800	N	138
		Kaiserslautern				
	47282	Whole Barracks Complex Renewal	6,000	6,000	N	142
		Mannheim				
	44954	Whole Barracks Complex Renewal	6,200	6,200	C	146
		Subtotal Germany Various PART I	\$ 43,000	43,000		
		* TOTAL MCA FOR Germany	\$ 43,000	43,000		
Korea		Korea Various (EUSA)				151
		Combined Field Army				
		Camp Humphreys				
	49018	Whole Barracks Complex Renewal	32,000	32,000	N	153
		Combined Field Army				
	45703	Whole Barracks Complex Renewal	23,600	23,600	C	156
	45704	Whole Barracks Complex Renewal	7,000	7,000	C	159
		Eastern Corridor				
	45705	Whole Barracks Complex Renewal	8,400	8,400	C	162
	48909	Whole Barracks Complex Renewal	5,100	5,100	N	165
		Subtotal Korea Various PART I	\$ 76,100	76,100		
		* TOTAL MCA FOR Korea	\$ 76,100	76,100		
Overseas Various		Overseas Various Locations (FORVAR)				171
		Overseas Various Locations				
	26803	Strategic Logistical Prepo Complex Ph III	37,000	37,000	N	173
		Subtotal Overseas Various Locations PART I	\$ 37,000	37,000		
		* TOTAL MCA FOR Overseas Various	\$ 37,000	37,000		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
WORLDWIDE

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
	NUMBER	PROJECT TITLE				

** TOTAL OUTSIDE THE UNITED STATES FOR MCA

\$ 156,100 156,100

DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
WORLDWIDE

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Worldwide Various		Worldwide Various Locations (WORLDWD)				179
	48953	Classified Project	6,500	6,500	N	181
		Subtotal Worldwide Various Locations PART I	\$ 6,500	6,500		
		Minor Construction (MINEXG)				183
	39978	Unspecified Minor Construction	6,000	6,000	C	185
		Subtotal Minor Construction PART I	\$ 6,000	6,000		
		Planning and Design (PLANDES)				187
	39974	Planning and Design	43,477	43,477	C	189
	39976	Host Nation Support	20,000	20,000	C	191
		Subtotal Planning and Design PART I	\$ 63,477	63,477		
		* TOTAL MCA FOR Worldwide Various	\$ 75,977	75,977		
		** TOTAL WORLDWIDE FOR MCA	\$ 75,977	75,977		
		MILITARY CONSTRUCTION (PART I) TOTAL	\$ 555,277	595,277		

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FY 98 MCA Construction Projects

State -----	Location -----	Project -----	Cost (\$000) -----	New/ Current -----
Inside The United States				
Arizona	Fort Huachuca	Whole Barracks Complex Renewal	20,000	C
California	Concord Naval Weapons Sta	Ordnance Support Facility	23,000	C
Colorado	Fort Carson	Close Combat Tactical Trainer Building	7,300	N
Georgia	Fort Gordon	Whole Barracks Complex Renewal	22,000	C
Hawaii	Schofield Barracks	Whole Barracks Complex Renewal	44,000	C
Indiana	Crane Army Ammunition Act	Ammunition Containerization Complex Ph I	7,700	C
Kansas	Fort Leavenworth	US Disciplinary Barracks	63,000	C
Kansas	Fort Riley	Close Combat Tactical Trainer Building	7,300	N
Kansas	Fort Riley	Whole Barracks Complex Renewal	18,500	C
Kentucky	Fort Campbell	Whole Barracks Complex Renewal	37,000	C
Kentucky	Fort Knox	Whole Barracks Complex Renewal	22,000	C
New Mexico	White Sands Missile Range	National Range Control Center - Ph II	18,000	C
South Carolina	Charleston Naval Weapons Sta	Army Strategic Maintenance Complex Ph III	7,700	N
Texas	Fort Sam Houston	Whole Barracks Complex Renewal	16,000	C
Virginia	Fort A P Hill	Central Vehicle Wash Facility	5,400	C
Virginia	Charlottesville	National Ground Intelligence Ctr Design	3,100	C
Virginia	Fort Myer	Whole Barracks Complex Renewal	8,200	C
Washington	Fort Lewis	Tank Trail Erosion Mitigation - Yakima	2,000	C
Washington	Fort Lewis	Whole Barracks Complex Renewal	31,000	C
Outside The United States				
Germany	Ansbach	Whole Barracks Complex Renewal	22,000	C
Germany	Heidelberg	Whole Barracks Complex Renewal	8,800	C
Germany	Kaiserslautern	Whole Barracks Complex Renewal	6,000	C
Germany	Mannheim	Whole Barracks Complex Renewal	6,200	C
Korea	Camp Humphreys	Whole Barracks Complex Renewal	32,000	C
Korea	Combined Field Army	Whole Barracks Complex Renewal	23,600	C
Korea	Combined Field Army	Whole Barracks Complex Renewal	7,000	C
Korea	Eastern Corridor	Whole Barracks Complex Renewal	8,400	C
Korea	Eastern Corridor	Whole Barracks Complex Renewal	5,100	C

FY 98 MCA Construction Projects

State -----	Location -----	Project -----	Cost (\$000) -----	New/ Current -----
Overseas Various	Overseas Various Locations	Strategic Logistical Prepo Complex Ph III	37,000	N
Worldwide Various				
Worldwide Various	Minor Construction	Unspecified Minor Construction	6,000	
Worldwide Various	Planning and Design	Planning and Design	43,477	
Worldwide Various	Planning and Design	Host Nation Support	20,000	
Worldwide Various				
Worldwide Various	Worldwide Various Locations	Classified Project	6,500	C

Total Cost of New Mission projects	(4)	\$	59,300
Total Cost of Current Mission projects	(25)	\$	367,000
Total Cost of other line items	(4)	\$	75,977
Total Cost of FY 98 MCA Projects	(33)	\$	595,277

DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION (PART I) FY 1998

INSTALLATION LIST

INSTALLATION	MACOM	1390 PAGE
<hr/>		
C		
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Fort Campbell	FORSKOM	67
Fort Carson	FORSKOM	19
Charleston Naval Weapons Sta	AMC	89
Concord Naval Weapons Sta	MMMC	11
Crane Army Ammunition Activity	AMC	43
Charlottesville	TRADOC	111
G		
<hr/>		
Germany Various	USAREUR	133
Fort Gordon	TRADOC	27
H		
<hr/>		
Fort A P Hill	MDW	105
Fort Sam Houston	FORSKOM	97
Fort Huachuca	TRADOC	3
K		
<hr/>		
Fort Knox	TRADOC	73
Korea Various	EUSA	151
L		
<hr/>		
Fort Leavenworth	TRADOC	51
Fort Lewis	FORSKOM	123
X		
<hr/>		
Minor Construction	MINEXG	183
Fort Myer	MDW	115

DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION (PART I) FY 1998

INSTALLATION LIST

<u>INSTALLATION</u>	<u>MACOM</u>	<u>1390 PAGE</u>
O		
Overseas Various Locations	FORVAR	171
P		
Planning and Design	PLANDES	187
R		
Fort Riley	FORSOOM	57
S		
Schofield Barracks	USARPAC	35
W		
White Sands Missile Range	AMC	81
Worldwide Various Locations	WORLDWD	179

DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION (PART I) FY 1998

COMMAND SUMMARY

MAJOR ARMY COMMAND NAME	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
 <u>INSIDE THE UNITED STATES</u>		
US Army Materiel Command	15,400	33,400
US Army Forces Command	119,100	119,100
US Army Military District of Washington	13,600	13,600
Military Traffic Management Command	23,000	23,000
US Army Training and Doctrine Command	22,000	22,000
Naval Medical Command	3,100	3,100
US Army Training and Doctrine Command	83,000	105,000
US Army Pacific	44,000	44,000
 <u>OUTSIDE THE UNITED STATES</u>		
Eighth United States Army	76,100	76,100
Various US Army Major Commands-Foreign	37,000	37,000
US Army Europe and Seventh Army	43,000	43,000
 <u>WORLDWIDE</u>		
Military Construction, Army-Minor	6,000	6,000
Planning and Design	63,477	63,477
Ass't Chief of Staff For Installation Mgmt	6,500	6,500
 TOTAL	 555,277	 595,277

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MILITARY CONSTRUCTION, ARMY

The military construction program for the active Army shown in the schedules of this title is summarized in the following tabulation:

<u>FISCAL YEAR</u>	<u>MILITARY CONSTRUCTION, ARMY APPROPRIATION</u>
FY 1996	633,814,000
FY 1997	565,688,000
FY 1998	595,277,000
FY 1999	696,969,000

1. Major Construction. The MCA major construction program is one of the most visible means of improving the working and living conditions of the Army Family. This program provides for military construction projects in the United States and overseas as authorized in currently effective Military Construction Acts and in the new Authorization Request which will be presented to the Congress early in 1997.

This request funds the Army's most critical facilities needs within the context of changing force structure and fiscal constraints. The Army's facilities strategy is to:

- Focus the Investment
- Divest Excess
- Reduce the Requirement

The focus of investment is on revitalization of facilities at installations which remain after base closure actions. In the current year, investment is primarily directed toward facilities to improve readiness, such as strategic mobility and troop housing, along with funding necessary for environmental, health, and mission essential requirements.

2. Minor Construction. Provision is made for construction of future unspecified projects that have not been individually authorized by law but are determined to be urgent requirements and do not cost more than the amounts specified in 10 USC 2805. Fiscal Year 1996 authorization language increased the amount specified for life, health, or safety threatening requirements to \$3 million.

3. Planning. This provides for necessary planning of military construction projects including design, host nation support, standards, surveys, studies, and other related activities.

Department of Defense

MILITARY CONSTRUCTION, ARMY

Fiscal Year 1998

For acquisition, construction, installation, and equipment of temporary or permanent public works, military installations, facilities, and real property for the Army as currently authorized by law, including personnel in the Army Corps of Engineers and other personal services necessary for the purposes of this appropriation, and for construction and operation of facilities in support of the functions of the Commander in Chief \$595,277,000 to remain available until September 30, 2002: Provided, That of this amount, not to exceed \$63,477,000 shall be available for study, planning, design, architect and engineer services, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of his determination and the reasons therefor.

Fiscal Year 1999

For acquisition, construction, installation, and equipment of temporary or permanent public works, military installations, facilities, and real property for the Army as currently authorized by law, including personnel in the Army Corps of Engineers and other personal services necessary for the purposes of this appropriation, and for construction and operation of facilities in support of the functions of the Commander in Chief \$696,969,000 to remain available until September 30, 2003: Provided, That of this amount, not to exceed \$64,519,000 shall be available for study, planning, design, architect and engineer services, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of his determination and the reasons therefor.

2050a

Military Construction, Army
Program and Financing (in thousands of dollars)

REPORT 21
00 FEB 97
PAGE 875
TPGE 989

SUMMARY

Budget plan (amounts for MILITARY
CONSTRUCTION actions programed)

Identification code 21-2050-0-1-051

1996 actual 1997 est. 1998 est. 1999 est.

Program by activities:

Direct program:

00.0101	Major construction	572,395	510,150	525,800	622,450
00.0201	Minor construction	9,000	5,000	6,000	10,000
00.0301	Planning	44,034	50,538	63,477	64,519
00.0401	Supporting activities				
00.9101	Total direct program	625,429	565,688	595,277	696,969
01.0101	Reimbursable program	2,730,632	2,700,000	2,700,000	2,700,000
10.0001	Total	3,356,061	3,265,688	3,295,277	3,396,969

Financing:

Offsetting collections from:

11.0001	Federal funds(-)	-2,688,465	-2,700,000	-2,700,000	-2,700,000
14.0001	Non-Federal sources(-)	42,167			
17.0001	Recovery of prior year obligations				
	Unobligated balance available, start of year:				
21.4002	For completion of prior year budget plans				
21.4003	Available to finance new budget plans				
21.4009	Reprogramming from/to prior year budget plans	-7,850	-2,028		
22.1001	Unobligated balance transferred to other accounts	2,532			
22.2001	Unobligated balance transferred from other accounts (-)	-5,000			
	Unobligated balance available, end of year:				
24.4002	For completion of prior year budget plans	2,028			
24.4003	Available to finance subsequent year budget plans	5,290			
25.0001	Unobligated balance expiring				
39.0001	Budget authority	622,429	563,660	595,277	696,969

Budget authority:

40.0001	Appropriation	622,429	565,688	595,277	696,969
40.3601	Appropriation rescinded (unob bal)		-2,028		
43.0001	Appropriation (adjusted)	622,429	563,660	595,277	696,969

Relation of obligations to outlays:

71.0001	Obligations incurred				
72.1001	Orders on hand, SOY				
72.4001	Obligated balance, start of year				
74.1001	Orders on hand, EOY				
74.4001	Obligated balance, end of year				
77.0001	Adjustments in expired accounts (net)				
78.0001	Adjustments in unexpired accounts				

90.0001	Outlays (net)				
---------	---------------	--	--	--	--

2050a

Military Construction, Army
Program and Financing (in Thousands of dollars) SUMMARY

REPORT 21
OO FFB 97
PAGE 875
TPGE 990

Obligations

Identification code	21-2050-0-1-051	1996 actual	1997 est.	1998 est.	1999 est.
Program by activities:					
Direct program:					
00.0101	Major construction	747,046	596,130	272,178	443,332
00.0201	Minor construction	9,854	5,517	2,916	11,719
00.0301	Planning	45,396	59,491	35,059	45,418
00.0401	Supporting activities	3,430			
00.9101	Total direct program	805,726	661,138	310,153	500,469
01.0101	Reimbursable program	2,685,191	2,650,093	2,902,653	2,774,238
10.0001	Total	3,490,917	3,311,231	3,212,806	3,274,707
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	-2,713,926	-2,700,000	-2,700,000	-2,700,000
14.0001	Non-Federal sources(-)	-47,028			
17.0001	Recovery of prior year obligations	-126,891			
21.4002	Unobligated balance available, start of year:				
21.4003	For completion of prior year budget plans	-663,432	-677,940	-632,397	-714,868
21.4009	Available to finance new budget plans		-2,028		
22.1001	Reprogramming from/to prior year budget plans	2,532			
22.2001	Unobligated balance transferred to other accounts	-5,000			
24.4002	Unobligated balance available, end of year:				
24.4003	For completion of prior year budget plans	677,940	632,397	714,868	837,130
25.0001	Available to finance subsequent year budget plans	2,028			
	Unobligated balance expiring	5,290			
39.0001	Budget authority	622,429	563,660	595,277	696,969
Budget authority:					
40.0001	Appropriation	622,429	565,688	595,277	696,969
40.3001	Appropriation rescinded (unob bal)	-2,028			
43.0001	Appropriation (adjusted)	622,429	563,660	595,277	696,969
Relation of obligations to outlays:					
71.0001	Obligations incurred	729,963	611,231	512,806	574,707
72.1001	Orders on hand, SOY	-2,398,823	-2,739,971	-2,739,971	-2,739,971
72.4001	Obligated balance, start of year	3,023,476	3,328,042	3,245,151	3,165,531
74.1001	Orders on hand, EOY	2,739,971	2,739,971	2,739,971	2,739,971
74.4001	Obligated balance, end of year	-3,328,042	-3,245,151	-3,165,531	-3,124,085
77.0001	Adjustments in expired accounts (net)	-4,079			
78.0001	Adjustments in unexpired accounts	-126,891			
90.0001	Outlays (net)	635,575	694,122	592,426	616,153

Military Construction, Army
Object Classification (in thousands of dollars) SUMMARY

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Identification code	21-2050-0-1-051	1996 actual	1997 est.	1998 est.	1999 est.
Direct obligations:					
Personnel compensation:					
111.101	Full-time permanent	35,110	41,040	34,871	27,234
111.301	Other than full-time permanent	1,907	1,233	1,053	824
111.901	Total personnel compensation	37,017	42,273	35,924	28,058
Personnel Benefits: Civilian personnel					
112.101	Benefits for former personnel	6,451	7,454	6,335	4,948
121.001	Travel and transportation of persons	2,261	1,750	1,433	1,816
122.001	Transportation of things	48	35	31	39
123.301	Communications, utilities, and miscellaneous charges	184	131	116	147
124.001	Printing and reproduction	275	197	175	221
125.101	Advisory and assistance services	423			
Purchases goods/services (inter/intra) Fed accounts					
125.302	Payments to foreign national indirect hire personnel	4,964	88	78	98
126.001	Supplies and materials	122	39	35	44
131.001	Equipment	55			
132.001	Land and structures	753,926	607,554	266,026	465,098
199.001	Total Direct obligations	805,726	661,138	310,153	500,469
Reimbursable obligations:					
Personnel Compensation:					
211.101	Full-time permanent	146,143	147,574	159,506	172,222
211.301	Other than full-time permanent	10,107	19,314	20,036	21,682
211.501	Other personnel compensation	2,741	4,453	4,818	5,210
211.901	Total personnel compensation	158,991	171,341	184,360	199,114
Personnel Benefits: Civilian Personnel					
221.001	Travel and transportation of persons	28,277	30,312	32,637	35,232
222.001	Transportation of things	13,049	9,702	9,402	9,153
223.301	Communications, utilities, and miscellaneous charges	794	590	572	557
224.001	Printing and reproduction	98,513	73,239	70,976	69,099
225.101	Advisory and assistance services	1,089	810	785	764
225.201	Other services with the private sector	99,026			
225.302	Purchases goods/services (inter/intra) Fed accounts	847,252	629,888	610,428	594,278
231.001	Payments to foreign national indirect hire personnel	1,336	8,414	8,550	8,729
232.001	Equipment	22,521	16,743	16,226	15,797
232.001	Land and structures	1,414,343	1,709,054	1,968,717	1,841,515

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Military Construction, Army
Program and Financing (In Thousands of dollars) SUMMARY

Obligations

Identification code	21-2050-0-1-051	1996 actual	1997 est.	1998 est	1999 est.
299.001	Total Reimbursable obligations	2,685,191	2,650,093	2,902,653	2,774,238
999.901	Total obligations	3,490,917	3,311,231	3,212,806	3,274,707

Special Program Considerations
Fiscal Year 1998

SECTION I

ITEMS OF SPECIAL INTEREST

Environmental Protection

In accordance with Section 102(2) (c) of the National Environmental Policy Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the Military Construction Program.

Pollution Abatement

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installations have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

Floodplain Management and Wetlands Protection

Proposed land acquisitions, disposal, and installation construction projects have been planned to allow the proper management of floodplains and the protection of wetlands by avoiding long and short-term adverse impacts, reducing the risk of flood losses and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Nos. 11988 and 11990.

Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 90-480, provisions for physically handicapped persons are provided for, where appropriate, in the design of facilities included in this budget.

Preservation of Historical Sites and Structures

Facilities included in the program do not directly or indirectly affect a district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on the DD Form 1391.

Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Where alternatives can be evaluated, a life cycle cost economic analysis was prepared and the results indicated on the DD Form 1391. If there were no viable alternatives for analysis, then that is indicated on the DD Form 1391.

Troop Housing

For all projects requesting new construction, in accordance with the Military Construction Appropriations Conference Report (#104-247, page 7), the Army certifies that new construction is warranted over renovation for each individual barracks complex project. As a part of the

Section I - Items of Special Interest

Army's economic analysis of each project in the budget, the Army only requests appropriations for those projects which are more economical to build new rather than to renovate.

Alternative Funding Sources for Overseas Projects

Conference Report No. 100-498 (Making Further Continuing Appropriations for the Fiscal Year Ending September 30, 1988), page 1003 directs that future budgets request an eligibility certificate for each project requested in Europe, Japan, and Korea. All overseas projects are considered for funding in Europe by NATO Infrastructure, in Japan by the Facilities Improvement Program, and in Korea by either the Combined Defense Improvement Projects for the Republic of Korea Funded Construction programs.

Construction and Basing Plans for New Major Army Weapon Systems

Section 2828 of Public Law 102-190, the fiscal year 1992 Authorization Act, directs the Department of Defense to provide a full siting plan for each new major weapon system when the first increment of military construction is requested and that full siting plans for the systems be provided with the annual budget request. For the Army, there are no new major weapon systems being introduced in the fiscal year 1998/1999 Budget. Therefore, no siting plans are required.

Items of Interest - Authorizing Committees

House Report #104-563

Real Property Maintenance

On page 270, the Committee directed the Services to apply additional real property maintenance funds to required repair and maintenance of barracks, health and safety, and critical mission operational deficiencies. The House and Senate conferees created a new two year appropriation, Quality of Life Enhancements, Defense (QOLE,D). The funds in this appropriation are to be used to conduct maintenance and repair on facilities key to quality of life. The Army's share - \$149 million - will be used to modify barracks to the 1+1 standard. Funds have been distributed based upon the Department of the Army's assessment of which installations have barracks that qualify for the program.

Repair and Maintenance, Army

On page 396, the committee urged the Army to initiate appropriate repair and maintenance on Lake Tholocco Dam at Fort Rucker, Alabama; on two bridges at Fort Knox, Kentucky; and on various buildings within the Corpus Christi Army Depot Complex. The Army could not fund the repair of the Lake Tholocco Dam at Fort Rucker, Alabama because of higher priority requirements. The repairs to structural deficiencies of the two bridges at Fort Knox, Kentucky were completed in fiscal year 1996. Corpus Christi Army Depot has insufficient funds to execute about \$22 million of repairs. This activity is funded via Army Working Capital Fund (AWCF) (formerly known as Defense Business Operation Fund (DBOF)). Currently, approximately \$4.5 million per year for routine repair and maintenance is charged back to customers as part of their rates. A rate increase could result in a loss of customers. This is a common dilemma faced by all of the Army's industrial base complex working under the AWCF.

Efficient Utilization of Existing Facilities

On page 410, the Committee urged the Department of Defense and the military departments to reduce their commitment to leased facilities as much as practicable. The Army has an aggressive lease reduction program. The Vice Chief of Staff, in April 1996, directed a significant reduction in leases over the fiscal years 1998-2003 period. Efforts are underway to accomplish this. The Army will be doing a case-by-case review to determine where relocations into vacant facilities are economically feasible and desirable, with particular emphasis on evaluating the largest categories of lease occupants. This will provide a firm basis for prioritizing the investment of available funding for the revitalization or upgrade of the existing facilities needed to accommodate the relocations from leased space. In addition, the Army's regulatory guidance is being revised both to reemphasize that existing facilities are the first recourse for meeting space requirements, and to require closer scrutiny of lease requests, with the goal of further reducing the number of Army leases. Reserve Enclaves are configured to support both the Reserve Component training mission and the redevelopment goals of the local communities, while complying with the BRAC law.

Senate Report #104-267

Planning and Design, Army

On page 381, the Committee directed the Army to apply \$1.5 million for planning and design of the Road Improvement project at Pohakuloa Training Site, Hawaii. This requirement was also included on page 16 of the Senate Appropriations Committee Report, #104-287. The \$1.5 million is being transferred to the Federal Highway Administration for initiating design of the Army portion of the project.

Conference Report #104-724

Improvements of Military Family Housing, Army

On page 857, the conferees added projects to be accomplished with funds identified for improvements of military family housing. The Army plans to award these projects as directed. The projects are:

<i>Location</i>	<i>Number of Units</i>	<i>\$ millions</i>
Fort Rucker, Alabama	228	16.0
Fort Richardson, Alaska	48	7.8
Fort Wainwright, Alaska	52	8.6
Stuttgart, Germany	120	7.3
Baumholder, Germany	64	4.6
Mannheim, Germany	136	8.2
Fort Campbell, Kentucky	102	9.6
Fort Polk, Louisiana	250	7.2
Tobyhanna Army Depot, Pennsylvania	42	2.3

Items of Interest - MILCON Appropriations Committees

House Report #104-591

Crumbling Infrastructure

On page 9, the Committee encouraged the services to assess the need for installation-wide infrastructure projects and to program and budget for this work. The Army programs high priority installation-wide infrastructure projects within affordable limits. Included with the fiscal year 1999 budget submission are an electrical upgrade for Rock Island Arsenal and a power plant upgrade in Kwajalein.. Included with many projects, especially for whole barracks renewal projects, are the infrastructure to support the project such as utility, drainage and road networks. Also, the Army Strategic Mobility Program constructs infrastructure to enhance deployment of the Forces such as railheads and airfield upgrades and roads. Projects compete for available funds based on mission, quality of life, and readiness enhancement.

Senate Report #104-287

Barracks, Fort Richardson and Fort Wainwright

The Senate directed the Army to utilize \$3.7 million to design barracks at Forts Richardson and Wainwright. These barracks requirements and their corresponding project documentation are currently being developed. Project design will be initiated in 2nd Quarter fiscal year 1997.

Family Support Centers

The conferees encouraged efforts to create such centers in the FY 98 budget. These facilities, referred to as Army Community Service (ACS) Centers, provide family member employment assistance, the Family Advocacy program, the Exceptional Family Member program, relocation assistance, mobilization support, and consumer affairs and financial counseling. The Army provides ACS support at 119 locations. Some ACS Centers are in structures scheduled for demolition, some require major renovations, and some are too small for the population being served. To rectify this, the Army has initiated analysis of these deficiencies and options to correct this situation. Overall, Army families satisfaction with Army Community Service has increased steadily over the last five years.

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Fiscal Year 1998/99

SECTION II

CONSTRUCTION FUNDED IN OTHER THAN MILITARY CONSTRUCTION

Appropriated Funds

Conference Report No. 100-498, Making Further Continuing Appropriations For The Fiscal Year Ending September 30, 1988 directed that an information exhibit be included in each budget request indicating construction to be accomplished with funds other than family housing and military construction. The information is provided in this section:

A. Procurement

B. Other Appropriations (Major Repair and Minor Construction)

Research, Development, Testing and Evaluation (RDTE)

Operation and Maintenance, Army (OMA)

Operation and Maintenance, Army Reserve (OMAR)

Operation and Maintenance, Army National Guard (OMNG)

CONSTRUCTION FUNDED IN OTHER THAN MILCON - FY98

A. Procurement

<u>APPROPRIATION</u> <u>LOCATION</u>	<u>PROJECT TITLE</u>	<u>COST</u> <u>ESTIMATE(\$000)</u>
AMMO		
Iowa AAP, IA	Replace Bridger H20/Rehabilitate Road/Correct Industrial Deficiencies Renovate building 100-101	4,637 <u>1,142</u> 5,779
Lake City AAP, MO	Rehab Steam Distribution (various areas)	7,293
Holston AAP, TN	Plant Wide Diking, Phase I Replace Transformers/ Rectifiers (various areas)	3,371 <u>598</u> 3,969
Radford AAP, VA	Overhead Electric Service	817
	Total	17,858

B. Other Appropriations

<u>APPROPRIATION</u>	<u>BUDGET ESTIMATE (\$000)</u>
Operation & Maintenance, Army (OMA)	1,171,272
Research, Development, Test and Evaluation (RDTE)	4,393
Operation & Maintenance, Army Reserve (OMAR)	5,768
Operation & Maintenance, Army National Guard (OMNG)	4,990
Total	1,186,423

CONSTRUCTION FUNDED IN OTHER THAN MILCON - FY99

A. Procurement

<u>APPROPRIATION</u> <u>LOCATION</u>	<u>PROJECT TITLE</u>	<u>COST</u> <u>ESTIMATE(\$000)</u>
AMMO	Dry Sprinklers System	128
Iowa AAP, IA	Installation of Two Sewage Treatment Wetlands	524
	Replace Asbestos Insulation	<u>873</u> 1,525
Lake City AAP, MO	Replace Telephone Cable and Public Telephone Network	395
Milan AAP, TN	Rehabilitate Sewage Treatment Collection Lines	5,728
	Upgrade Sewage Treatment Plant	<u>3,962</u> 9,690
Holston AAP, TN	Acid A Industrial Wastewater Equization/Spill Ponds	1,799
Radford AAP, VA	Replace Natural Gas Line	4,223
	Replace Raw Water Supply Line Bldg 408 to 409	1,682
	Rehabilitate Bridge 9102-2	708
	Overhead Electrical Service, Phase II	455
	Acid Swear System Upgrade	<u>5,374</u> 12,442
	Total	25,851

B. Other Appropriations

<u>APPROPRIATION</u>	<u>BUDGET ESTIMATE (\$000)</u>
Operation & Maintenance, Army (OMA)	878,171
Research, Development, Test and Evaluation (RDTE)	4,537
Operation & Maintenance, Army Reserve (OMAR)	6,978
Operation & Maintenance, Army National Guard (OMNG)	6,028
Total	895,714

C. Overseas Residual Value

In accordance with guidance contained in Senate Report 102-355, page 8-9, which accompanied the fiscal year 1993 MILCON Appropriations Bill, the Army is seeking to use Host Nation funding and residual value to fund infrastructure requirements overseas. The Army will first seek Host Nation Support where possible. The Army will then seek to reinvest residual value amounts into the Army's facility infrastructure requirements which support residual forces stationed at military bases outside the United States, or to permit the Host nation to construct capital improvements in lieu of direct payments (Payment-in-kind (PIK)). The Army has used residual value exclusively under authority granted by fiscal year 1993 legislation:

Overseas Military Facility Investment Recovery Account

(FY93 Defense Authorization Act, PL 102-484 (106 STAT. 2609)) This authorizes the use of residual value payments to be used overseas for facility maintenance and repair or environmental compliance. This also permits the Secretary of Defense to enter into negotiations for Payment-in-Kind, which could include construction of facilities.

The Army has received residual value payments in the amount of \$36.4M which have been deposited in the DOMFIRA account from the return of the Army's Pipeline System (Donges-Metz, France) and a Training Area (Wildflecken, Germany). The Army expects to use these funds for real property maintenance on Army facilities in Europe. The fiscal year 1998 President's Budget Exhibit (OP-29) lists the projects being requested to be funded. Further, the Army has negotiated with Host Nation governments for additional requirements to be satisfied via payment-in-kind (PIK). The following PIK projects are under final negotiations for funding with the Federal Republic of Germany:

Payment-in-Kind (Major Construction Projects scheduled to begin construction in FY 1998/99)

<u>LOCATION</u>	<u>DESCRIPTION</u>	<u>ESTIMATE</u>
Baumholder, GE	Restore Barracks to 1+1 Std, Smith Barracks	\$3,900,000
	Restore Barracks to 1+1 Std, Smith Barracks	\$3,100,000
	Restore Barracks to 1+1 Std, Smith Barracks	\$3,600,000
	Restore Barracks to 1+1 Std, Smith Barracks	\$4,400,000
Darmstadt, GE	Whole Neighborhood Renewal, Lincoln Village	\$3,600,000
Heidelberg, GE	Whole Neighborhood Renewal, Patrick Henry Village	\$14,000,000
Mannheim, GE	Whole Neighborhood Renewal	\$15,700,000
	Restore Barracks to 1+1 Std, Sullivan Barracks	\$5,100,000

DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Arizona	38674	Fort Huachuca (TRADOC) Whole Barracks Complex Renewal	20,000	20,000	C	3 5
		Subtotal Fort Huachuca PART I	\$ 20,000	20,000		
		* TOTAL MCA FOR Arizona	\$ 20,000	20,000		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Huachuca Arizona	4. COMMAND US Army Training and Doctrine Command		5. AREA CONSTRUCTION COST INDEX 1.05	

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED								
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	
A. AS OF 30 SEP 1996	663	4052	2460	447	1488	6	60	148	3323	12,647	
B. END FY 2003	643	3618	2140	349	1566	7	55	145	3418	11,941	

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	12,042 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	301,088
C. AUTHORIZATION NOT YET IN INVENTORY.....	28,855
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	20,000
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	52,050
H. GRAND TOTAL.....	401,993

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:			
CATEGORY	PROJECT	COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	START COMPLETE
721	38674	Whole Barracks Complex Renewal	20,000 11/1995 06/1997
		TOTAL	20,000

9. FUTURE PROJECTS:	
CATEGORY	COST
CODE	PROJECT TITLE
A. REQUESTED IN THE FY 1999 PROGRAM: NONE	
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE	

10. MISSION OR MAJOR FUNCTIONS:
<p>The current mission of Fort Huachuca is to provide logistical, administrative, legal, financial, supply, and community service support to tenant organizations including an Army Major Field Command (US Army Information Systems Command, USAISC), an USAISC Major Subcommand Headquarter element (Information Systems Engineering Command), 11th Signal Brigade, an Army Major Class II Activity (US Army Electronic Proving Ground), a Major TRADOC Activity (Army Intelligence Center and School), several Department of Defense Activities to include the Joint Test Element of the Joint Tactical Command, Control and Communications Agency, area AMC and FORSCOM Activities, and approximately 20 other tenant elements.</p>

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997								
<p>INSTALLATION AND LOCATION: Fort Huachuca Arizona</p>										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$346,454 K, based on the Installation Status Report information on conditions as of October 1996.</p>										

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Huachuca Arizona				4. PROJECT TITLE Whole Barracks Complex Renewal		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 721	7. PROJECT NUMBER 38674		8. PROJECT COST (\$000) Auth 20,000 Approp 20,000	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						15,152
Barracks			m2	9,058	1,372	(12,424)
Soldier Community Building			m2	1,468	1,161	(1,704)
Energy Plant Expansion			LS	--	--	(670)
EMCS			LS	--	--	(32)
Building Information Systems			LS	--	--	(322)
<u>SUPPORTING FACILITIES</u>						2,692
Electric Service			LS	--	--	(224)
Water, Sewer, Gas			LS	--	--	(145)
Steam And/Or Chilled Water Distr			LS	--	--	(1,067)
Paving, Walks, Curbs And Gutters			LS	--	--	(298)
Storm Drainage			LS	--	--	(88)
Site Imp(451) Demo(287)			LS	--	--	(738)
Information Systems			LS	--	--	(132)
ESTIMATED CONTRACT COST						17,844
CONTINGENCY PERCENT (5.00%)						892
SUBTOTAL						18,736
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						1,124
TOTAL REQUEST						19,860
TOTAL REQUEST (ROUNDED)						20,000
INSTALLED EQT-OTHER APPROPRIATIONS						()
10. Description of Proposed Construction Construct standard-design barracks, soldier community building, and equipment storage. Expand central heating and cooling plant. Connect to expanded central heating and cooling plant. Connect to energy monitoring and control system (EMCS). Project includes living/sleeping rooms, semi-private baths, walk-in closets, storage, dayroom, laundry facilities, and bulk storage. Supporting facilities include utilities; electric service; exterior lighting; fencing; fire protection and alarm systems; paving, walks, curbs and gutters; road upgrades and parking; storm drainage; water distribution lines; outside recreation facilities (lighted basketball and volleyball courts, etc.) and bus shelters; information systems; and site improvements. Access for the handicapped will be provided. Air conditioning: 400 tons. Demolish three barracks buildings (12,047 SM) to include asbestos and lead base paint abatement and restore site. Comprehensive interior and furnishings related design services are required.						
11. REQ: 2,138 PN ADQT: 1,501 PN SUBSTD: 637 PN PROJECT: Construct standard-design enlisted barracks complex, soldier community building and upgrade existing central energy plant. Relocate administrative space within the existing barracks buildings to other						

1. COMPONENT		2. DATE
ARMY FY 1998 MILITARY CONSTRUCTION PROJECT DATA		31 JAN 1997
3. INSTALLATION AND LOCATION		
Fort Huachuca, Arizona		
4. PROJECT TITLE		5. PROJECT NUMBER
Whole Barracks Complex Renewal		38674
<p><u>PROJECT: (CONTINUED)</u> facilities. (Current Mission) <u>REQUIREMENT:</u> This project is required to provide barracks that comply with current Army standards for bachelor housing, improve living conditions, and increase individual privacy and security. Intended utilization 280 persons. Maximum utilization is 318 persons. <u>CURRENT SITUATION:</u> Existing rolling pin style barracks buildings, built in 1958, are three-story masonry structures with central latrines, and typical two or three person living/sleeping rooms. The buildings have deteriorated and are in dire need of major repairs. Interior and exterior finishes are deteriorated. Interiors reflect a patchwork of repairs. Built-in furnishings show their age and the effects of rippled surface effects of repeated paintings. Interior lighting is insufficient to overcome the dim and dungeon-like look of corridors and rooms. The bathrooms are antiquated. The rooms lack sufficient electrical receptacles to accommodate typical modern soldier amenities like televisions, video cassette recorders (VCRs), stereo systems, or personal computers. The heating, ventilating and cooling systems are inefficient. <u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Fort Huachuca soldiers will continue to live in inadequate barracks that impact their morale and well being and undermines efforts to retain quality Army soldiers. Overloaded electrical circuits are a safety concern and possible fire hazard. The inefficient heating and cooling systems will continue to waste energy and dollars. <u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project. Parametric estimates have been used to develop project costs. During the past two years, \$4.2 million has been spent on RPM for unaccompanied enlisted personnel housing at Fort Huachuca. Upon completion of this project, the remaining permanent party requirement is 318 spaces at this installation.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	NOV 1995	
(b) Parametric Cost Estimating Used to Develop Costs	YES	
(c) Percent Complete As Of January 1997.....	40	
(d) Date 35% Designed.....	DEC 1996	
(e) Date Design Complete.....	JUN 1997	

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Huachuca, Arizona		
4. PROJECT TITLE Whole Barracks Complex Renewal		5. PROJECT NUMBER 38674

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y

(b) Where Design Was Most Recently Used
Fort Huachuca

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	900
(b) All Other Design Costs.....	300
(c) Total Design Cost.....	1,200
(d) Contract.....	
(e) In-house.....	1,200

(4) Construction Start..... MAR 1998
month & year

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Steve Thompson
 Phone Number: (520) 533-3141

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
California		Concord Naval Weapons Sta (MIMC)				11
	45186	Ordnance Support Facility	23,000	23,000	C	13
		Subtotal Concord Naval Weapons Sta PART I	\$ 23,000	23,000		
		* TOTAL MCA FOR California	\$ 23,000	23,000		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Concord Naval Weapons Sta California	4. COMMAND Military Traffic Management Command		5. AREA CONSTRUCTION COST INDEX 0.00	

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED								
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	
A. AS OF 30 SEP 1996	0	0	0	0	0	0	0	0	0	0	0
B. END FY 2003	0	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	27,000
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	23,000
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	25,000
H. GRAND TOTAL.....	75,000

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:			
CATEGORY	PROJECT	COST	DESIGN STATUS
		(\$000)	START COMPLETE
425	45186 Ordnance Support Facility	23,000	08/1995 06/1997
TOTAL		23,000	

9. FUTURE PROJECTS:	
CATEGORY	COST
	(\$000)
CODE	PROJECT TITLE
A. REQUESTED IN THE FY 1999 PROGRAM: NONE	
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE	

10. MISSION OR MAJOR FUNCTIONS:	
The Army mission is to store, perform maintenance, verify accountability, and load ammunition aboard ships. The U.S. Army will occupy a portion of the facilities at the Naval Weapons Station Concord to perform this mission.	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
INSTALLATION AND LOCATION: Concord Naval Weapons Sta California		
REMARKS : Real Property Maintenance cost data is not maintained by the Army for this installation.		

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Concord Naval Weapons Sta California				4. PROJECT TITLE Ordnance Support Facility		
5. PROGRAM ELEMENT 72896A		6. CATEGORY CODE 425	7. PROJECT NUMBER 45186		8. PROJECT COST (\$000) Auth 23,000 Approp 23,000	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						13,506
Holding Pads, Ammunition			LS	--	--	(2,555)
Transfer Pads, Ammun. (3)			LS	--	--	(1,080)
Ordnance Operations Building			m2	1,282	1,459	(1,871)
Railroad R/W Land Purchase			ha	2.91	484,948	(1,411)
RailRoad			LS	--	--	(6,466)
Building Information Systems			LS	--	--	(123)
<u>SUPPORTING FACILITIES</u>						6,815
Electric Service			LS	--	--	(2,246)
Water, Sewer, Gas			LS	--	--	(1,115)
Paving, Walks, Curbs And Gutters			LS	--	--	(1,154)
Storm Drainage			LS	--	--	(68)
Site Imp(941) Demo(1,139)			LS	--	--	(2,081)
Information Systems			LS	--	--	(151)
ESTIMATED CONTRACT COST						20,321
CONTINGENCY PERCENT (5.00%)						1,016
SUBTOTAL						21,337
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						1,280
TOTAL REQUEST						22,617
TOTAL REQUEST (ROUNDED)						23,000
INSTALLED EQT-OTHER APPROPRIATIONS						()
10. Description of Proposed Construction Construct containerized ordnance support facility consisting of a container ordnance holding yard comprised of eight multi-use rail/truck/container holding pads, four loading docks, a rail interchange/inspection yard; an ordnance operations building and the acquisition of a common-carrier railroad right-of-way wholly within the reservation boundary of the Naval Weapon Station (NWS), Concord. Project includes retaining walls with earthen barricades, operational and administrative space, classrooms, storage, restrooms, kitchenette, an automatic fire sprinkler systems, and a passenger elevator. Pile foundation work is required. Supporting facilities include utilities; electric service; exterior lighting; sanitary sewer system; storm drainage; relocate electrical and water distribution lines; paving, walks, curbs and gutters; parking, track work and access roads; fencing and gates; remove fuel storage tank; information systems; and site improvements. Access for the handicapped will be provided. Heating (gas-fired) and air conditioning (30 tons) is multi-zoned, direct fired gas heat and direct expansion cooling with economizer. Demolish five buildings (3,005 SM).						

1. COMPONENT		2. DATE
ARMY FY 1998 MILITARY CONSTRUCTION PROJECT DATA		31 JAN 1997
3. INSTALLATION AND LOCATION		
Concord Naval Weapons Sta, California		
4. PROJECT TITLE		5. PROJECT NUMBER
Ordnance Support Facility		45186
<p>11. REQ: 1 EA ADQT: NONE SUBSTD: 1 EA</p> <p>PROJECT: Construct containerized ordnance support facilities. (Current Mission)</p> <p>REQUIREMENT: The United States National Military Strategy is for a continental United States (CONUS) based force with a reduced forward presence. Congress mandated a Mobility Requirements Study (MRS), which recommended programs to enhance the capability of US power projection forces to support this new strategy. As a result of the MRS, the Naval Weapons Station (NWS), Concord, was assigned a new mission to provide a 520 container per day load out capability for joint service ordnance supply in times of national crisis. This project will provide for the ammunition holding and transfer pads, ordnance operations building, and land acquisition in support of an FY 97 project that will upgrade Pier 3. These support facilities are essential to sustain the 520 container/day throughput as directed by the MRS.</p> <p>CURRENT SITUATION: The NWS, Concord has the capacity to load 200 containers/day using two holding areas that are included in the net explosive weight (NEW) of Pier 2. Container operations at Pier 3 currently use these same holding areas, which handles breakbulk operations at Pier 2. The existing buildings used to support ordnance operations violate Department of Defense safety standards for minimum separation distances between inhabited buildings and operations facilities. Ordnance transshipment operations in the Tidal Area are conducted under an explosive safety exemption. These existing buildings are also located within the planned site of the rail/truck/container holding yards.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, the West Coast will continue to be dependent on a limited ammunition container load out capability. Quick response to events such as "Desert Storm" will be severely limited. The holding areas at Pier 2, when used to support container operations on Pier 3, compromises break bulk operations on Pier 2. Personnel will continue to be exposed to an unacceptable explosive hazard. Explosive operations must continue under the explosive safety exemption. Major expenditures will be made to repair the existing buildings now used for ordnance operations. This rehabilitation work; however, will not correct physical inefficiencies (12 foot ceilings, poor space allocation possibilities, etc.), nor will it eliminate the explosive safety violation. The proposed West Coast Containerized Ordnance handling and transshipment requirements of 520 container/day outload, would not be possible.</p> <p>ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of Headquarters, Department of the Army and the Air Force, July 1980, "Railroad Design and Construction at Army and Air Force Installations," Army TM 5-850-2, Air Force AFM 88-7, Chapter 2. Washington, DC. An economic analysis has been prepared and utilized in evaluating this project. Parametric</p>		

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
Colorado		Fort Carson (FORSCOM)				19
	41696	Close Combat Tactical Trainer Building	7,300	7,300	N	21
		Subtotal Fort Carson PART I	\$ 7,300	7,300		
		* TOTAL MCA FOR Colorado	\$ 7,300	7,300		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Carson Colorado	4. COMMAND US Army Forces Command		5. AREA CONSTRUCTION COST INDEX 1.12	

6. PERSONNEL STRENGTH:											
	PERMANENT			STUDENTS			SUPPORTED				
	OFFICER		ENLIST	CIVIL		OFFICER		ENLIST	CIVIL		TOTAL
A. AS OF 30 SEP 1996	1423	12664	2034	0	30	0	17	112	2102	18,382	
B. END FY 2003	1563	12805	2081	0	20	0	20	112	2047	18,648	

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	55,606 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	534,868
C. AUTHORIZATION NOT YET IN INVENTORY.....	78,415
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	7,300
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	130,281
H. GRAND TOTAL.....	750,864

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:				
CATEGORY PROJECT		COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
171	41696	Close Combat Tactical Trainer Building	7,300	12/1995 06/1997
TOTAL			7,300	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST
CODE		(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

Support and training of the 4th Infantry Division (Mechanized) and other non-divisional units. Ensure the most efficient use of resources to operate Fort Carson and accomplish all assigned missions and support of tenant activities. Command of all assigned and attached units; organize and train all units to ensure combat readiness. Provide command and control of the Pinon Canyon maneuver site. Ensure that Fort Carson is prepared for mobilization.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
INSTALLATION AND LOCATION: Fort Carson Colorado		
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$369,892 K, based on the Installation Status Report information on conditions as of October 1996.		

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Carson Colorado				4. PROJECT TITLE Close Combat Tactical Trainer Building		
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 171	7. PROJECT NUMBER 41696		8. PROJECT COST (\$000) Auth 7,300 Approp 7,300	
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY					5,692	
Close Combat Tactical Trainer		m2	4,534	1,127	(5,110)	
Pre-Wired Work Stations		EA	8	4,688	(38)	
Special Foundation		LS	--	--	(133)	
EMCS Connection		LS	--	--	(16)	
Hardstand		m2	4,203	69.34	(291)	
Building Information Systems		LS	--	--	(104)	
SUPPORTING FACILITIES					844	
Electric Service		LS	--	--	(231)	
Water, Sewer, Gas		LS	--	--	(109)	
Paving, Walks, Curbs And Gutters		LS	--	--	(174)	
Storm Drainage		LS	--	--	(32)	
Site Imp(245) Demo()		LS	--	--	(245)	
Information Systems		LS	--	--	(53)	
ESTIMATED CONTRACT COST					6,536	
CONTINGENCY PERCENT (5.00%)					327	
SUBTOTAL					6,863	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					412	
TOTAL REQUEST					7,275	
TOTAL REQUEST (ROUNDED)					7,300	
INSTALLED EQT-OTHER APPROPRIATIONS					(19,856)	
10. Description of Proposed Construction Construct a close combat tactical trainer (CCTT) facility with 40 fixed tactical vehicle simulator modules. Project includes a simular bay, classrooms; briefing/debriefing areas; pre-wired workstations; audiovisual training rooms; spare part and tool storage, repair, and maintenance areas; administrative offices; a mudroom; hardstand; and general, secure, sensitive material storage areas. Connect an energy monitoring and control system (EMCS) tie-in for the administrative area and the training bay. Supporting facilities include utilities; electric service, electrical transformer and exterior lighting; fire protection and alarm systems; security fencing and gates; fenced equipment hardstand; paving, walks, curbs and gutters; access roads and parking; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating will be provided by a self-contained natural gas-fired system. Air conditioning: 250 tons. Due to the expansive soils prevalent on Fort Carson, special foundations will be required.						
11. REQ:		4,534 m2		ADQT:	NONE	SUBSTD: NONE
PROJECT: Construct a close combat tactical trainer facility. (New Mission)						

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Fort Carson, Colorado		
4. PROJECT TITLE	5. PROJECT NUMBER	
Close Combat Tactical Trainer Building	41696	
<p><u>REQUIREMENT:</u> This project is required to provide the first facility of a combined arms tactical training (CATT) system complex. This facility will provide the capability to train and sustain individual and collective (crew through company task force) tasks and skills in command and control, communications, and maneuver, and to integrate the function of combat support and combat service support units. The facility will house a group of fully interactive networked emulators and command, control and communications work stations, replicating the vehicles and weapons systems of a mechanized infantry or armor battalion task force and its supporting combat, combat support, and combat service support elements, operating on an emulated real-time battlefield. Training of the individual to properly respond within the combined arms team is the keystone that will be emphasized and developed with this first of a new family of systems.</p> <p><u>CURRENT SITUATION:</u> This project supports a new Army/Department of Defense training initiative. Due to the large size and unique features, adequate permanent facilities are not available. Currently, tactical combined arms training is achieved by using tactical vehicles and soldiers in field training exercises. This method of training is both expensive and equipment intensive, and reduces the available operational life of the tactical equipment. Use of the combined arms tactical trainers provides an alternative to the use of tactical field exercises as the sole means to achieve totally trained forces.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, use of field exercise training events to train the soldier will continue. The present system of training is costly and relies on a diminishing base for funds and resources required for its support. As competition for funds intensifies, lower cost alternatives to augment and enhance field training must be developed. Continued use of field exercises places a high degree of wear on combat equipment for which funding is becoming more difficult to obtain. The use of a close combat tactical trainer system provides a highly effective training method at a lower cost, giving the Army tactical superiority in the battlefield environment.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation's physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, revised 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Parametric estimates have been used to develop project costs.</p>		

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Carson, Colorado		
4. PROJECT TITLE Close Combat Tactical Trainer Building		5. PROJECT NUMBER 41696

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	<u>DEC 1995</u>
(b) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>
(c) Percent Complete As Of January 1997.....	<u>40</u>
(d) Date 35% Designed.....	<u>DEC 1996</u>
(e) Date Design Complete.....	<u>JUN 1997</u>

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y

(b) Where Design Was Most Recently Used
Fort Hood

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	<u>355</u>
(b) All Other Design Costs.....	<u>213</u>
(c) Total Design Cost.....	<u>568</u>
(d) Contract.....	<u>426</u>
(e) In-house.....	<u>142</u>

(4) Construction Start..... FEB 1998
month & year

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
Simulator Package	OPA	1998	19,800
Info Sys - ISC	OPA	1998	56
		TOTAL	19,856

Installation Engineer: LTC David N. Buttery
Phone Number: 717-526-3415

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
	NUMBER	PROJECT TITLE				
Georgia		Fort Gordon (TRADOC)				27
	40805	Whole Barracks Complex Renewal	22,000	22,000	C	29
		Subtotal Fort Gordon PART I	\$ 22,000	22,000		
		* TOTAL MCA FOR Georgia	\$ 22,000	22,000		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Gordon Georgia	4. COMMAND US Army Training and Doctrine Command		5. AREA CONSTRUCTION COST INDEX 0.86	

6. PERSONNEL STRENGTH:											
			PERMANENT			STUDENTS			SUPPORTED		
			OFFICER		ENLIST	CIVIL	OFFICER		ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	1102	5072	2315	433	4027	6	55	505	2257	15,772	
B. END FY 2003	1176	5222	2231	434	3944	1	52	591	2280	15,931	

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	22,496 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	253,935
C. AUTHORIZATION NOT YET IN INVENTORY.....	106,580
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	22,000
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	101,431
H. GRAND TOTAL.....	483,946

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:					
CATEGORY PROJECT				COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE		(\$000)	START COMPLETE
721	40805	Whole Barracks Complex Renewal		22,000	09/1994 09/1997
TOTAL				22,000	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
<p>The mission of the US Army Signal Center and Fort Gordon is to: conduct Signal Corps Training for Army personnel as well as personnel from other services and allied countries; maintain assigned FORSCOM Units; conduct the USASC&FG Combat Development Programs; provide support to tenant units of other Military Departments and Commands.</p>	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
INSTALLATION AND LOCATION: Fort Gordon Georgia		
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$231,814 K, based on the Installation Status Report information on conditions as of October 1996.		

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Gordon Georgia				4. PROJECT TITLE Whole Barracks Complex Renewal		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 721	7. PROJECT NUMBER 40805		8. PROJECT COST (\$000) Auth 22,000 Approp 22,000	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						15,282
Barracks			m2	8,386	1,427	(11,967)
Air Cond. Plant Addition			LS	--	--	(1,311)
Soldier Community Bldg			m2	1,378	1,249	(1,721)
EMCS Connection			LS	--	--	(60)
Building Information Systems			LS	--	--	(223)
<u>SUPPORTING FACILITIES</u>						4,052
Electric Service			LS	--	--	(600)
Water, Sewer, Gas			LS	--	--	(150)
Steam And/Or Chilled Water Distr			LS	--	--	(1,548)
Paving, Walks, Curbs And Gutters			LS	--	--	(464)
Storm Drainage			LS	--	--	(149)
Site Imp(756) Demo(157)			LS	--	--	(914)
Information Systems			LS	--	--	(227)
ESTIMATED CONTRACT COST						19,334
CONTINGENCY PERCENT (5.00%)						967
SUBTOTAL						20,301
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						1,218
TOTAL REQUEST						21,519
TOTAL REQUEST (ROUNDED)						22,000
INSTALLED EQT-OTHER APPROPRIATIONS						()
10. Description of Proposed Construction Construct a standard-design barracks, soldier community building and equipment storage. Connect to the existing postwide energy monitoring and control system (EMCS). Project includes living/sleeping rooms, semi-private baths, walk-in closets, storage, dayroom, and laundry facilities. Project also includes information systems, noise attenuation, and energy conservation systems. Supporting facilities include utilities; connections to the existing central energy plant, electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; patios; storm drainage; water distribution systems; information systems; and site improvements. Access for the handicapped will be provided. Heating will be provided from existing central energy plant. Air conditioning (360 tons) will be provided by upgrade and connection to a cooling plant adjacent to the project site. Provide comprehensive interior and furnishings design services.						
11. REQ: 4,852 PN ADQT: 1,031 PN SUBSTD: 3,821 PN PROJECT: Construct standard design barracks and soldier community building and upgrade existing central energy plant. (Current Mission)						

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Fort Gordon, Georgia		
4. PROJECT TITLE		5. PROJECT NUMBER
Whole Barracks Complex Renewal		40805
<p><u>REQUIREMENT:</u> This project is required to provide barracks that comply with current Army standards for unaccompanied, enlisted soldiers and provide sufficient space and increase security and privacy for the soldier. The maximum utilization of the new facility will be 288 enlisted personnel. The intended utilization will be 235 enlisted personnel.</p> <p><u>CURRENT SITUATION:</u> Existing barracks buildings were built in 1968 for basic trainees, are three-story, masonry structures with gang latrines and showers. Living conditions are cramped and current facilities are deteriorating.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, soldiers will continue to endure substandard living accommodations that are detrimental to morale and decrease military retention of quality soldiers. The living environment will not be consistent with the Army's Communities of Excellence standards.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project. During the past two years, \$7.6 million has been spent on RPM for unaccompanied enlisted personnel housing at Fort Gordon. Upon completion of this project, the remaining permanent party requirement is 3,533 spaces at this installation.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		SEP 1994
(b) Parametric Cost Estimating Used to Develop Costs		NO
(c) Percent Complete As Of January 1997.....		50
(d) Date 35% Designed.....		JUL 1996
(e) Date Design Complete.....		SEP 1997
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) Y		
(b) Where Design Was Most Recently Used		
Fort Jackson		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):		(\$000)
(a) Production of Plans and Specifications.....		950
(b) All Other Design Costs.....		300
(c) Total Design Cost.....		1,250
(d) Contract.....		

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997								
3. INSTALLATION AND LOCATION Fort Gordon, Georgia										
4. PROJECT TITLE Whole Barracks Complex Renewal	5. PROJECT NUMBER 40805									
<p>12. <u>SUPPLEMENTAL DATA:</u> (Continued)</p> <p style="margin-left: 40px;">A. Estimated Design Data: (Continued)</p> <p style="margin-left: 80px;">(e) In-house..... 1,250</p> <p style="margin-left: 80px;">(4) Construction Start..... APR 1998 month & year</p> <p style="margin-left: 40px;">B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; margin-left: 40px;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u> <u>Nomenclature</u></th> <th style="text-align: left;"><u>Procuring</u> <u>Appropriation</u></th> <th style="text-align: left;"><u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u></th> <th style="text-align: left;"><u>Cost</u> <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center; padding-top: 20px;">NA</td> </tr> </tbody> </table>			<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>	NA			
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>							
NA										
Installation Engineer: LTC David Plank Phone Number: (706) 791-3225										

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Hawaii	44839	Schofield Barracks (USARPAC) Whole Barracks Complex Renewal	44,000	44,000	C	35 37
		Subtotal Schofield Barracks PART I	\$ 44,000	44,000		
		* TOTAL MCA FOR Hawaii	\$ 44,000	44,000		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Schofield Barracks Hawaii	4. COMMAND US Army Pacific		5. AREA CONSTRUCTION COST INDEX 1.73	

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	1287	11190	1564	0	85	0	114	1188	1895	17,323
B. END FY 2003	1350	11643	1576	0	89	0	114	1188	1889	17,849

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	5,517 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	359,600
C. AUTHORIZATION NOT YET IN INVENTORY.....	122,792
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	44,000
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	49,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	149,266
H. GRAND TOTAL.....	724,658

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:				
CATEGORY PROJECT			COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
721	44839	Whole Barracks Complex Renewal	44,000	03/1996 06/1997
TOTAL			44,000	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
721	Whole Barracks Complex Renewal	49,000
TOTAL		49,000
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

Schofield Barracks houses peacetime garrison troops and their supporting organizations. It is the headquarters for the 25th Infantry Division. Parts of the U.S. Army Support Command Hawaii (USASCH), U.S. Army Information Systems Command and the 45th Support Group are also housed there. In addition, members of the other services occupy housing at Schofield.

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997						
INSTALLATION AND LOCATION: Schofield Barracks Hawaii								
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <div style="text-align: right; margin-right: 50px;">(\$000)</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">A. AIR POLLUTION</td> <td style="width: 20%; text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>			A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
A. AIR POLLUTION	0							
B. WATER POLLUTION	0							
C. OCCUPATIONAL SAFETY AND HEALTH	0							
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$1,150,630 K, based on the Installation Status Report information on conditions as of October 1996.								

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Schofield Barracks Hawaii				4. PROJECT TITLE Whole Barracks Complex Renewal		
5. PROGRAM ELEMENT 22496A		6. CATEGORY CODE 721	7. PROJECT NUMBER 44839		8. PROJECT COST (\$000) Auth 44,000 Approp 44,000	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						28,529
Barracks			m2	8,083	1,679	(13,572)
Soldiers Community Bldg			m2	1,358	1,539	(2,090)
DPW Facilities			m2	4,597	1,640	(7,541)
Environmental Remediation			LS	--	--	(250)
Company Operations Facility			m2	1,702	1,582	(2,693)
Total from Continuation page						(2,383)
<u>SUPPORTING FACILITIES</u>						10,859
Electric Service			LS	--	--	(1,105)
Water, Sewer, Gas			LS	--	--	(814)
Steam And/Or Chilled Water Distr			LS	--	--	(74)
Paving, Walks, Curbs And Gutters			LS	--	--	(3,419)
Storm Drainage			LS	--	--	(2,127)
Site Imp(1,433) Demo(643)			LS	--	--	(2,076)
Information Systems			LS	--	--	(1,244)
ESTIMATED CONTRACT COST						39,388
CONTINGENCY PERCENT (5.00%)						1,969
SUBTOTAL						41,357
SUPERVISION, INSPECTION & OVERHEAD (6.50%)						2,688
TOTAL REQUEST						44,045
TOTAL REQUEST (ROUNDED)						44,000
INSTALLED EQT-OTHER APPROPRIATIONS						()
10. Description of Proposed Construction Construct a standard-design whole barracks renewal complex. Barracks includes living/sleeping rooms, semi-private baths, walk-in closets, elevators, service area, janitor's closets, and mechanical/electrical equipment rooms. The barracks will be six-stories in height due to very limited space. Construct one standard-design soldier community building (SCB). The SCB includes lobby, manager's office, recreational areas, bulk storage, dayrooms, meeting rooms, and other common use/service type functions. Construct one medium and one large two-story standard-design company operations facilities (COF). Each COF includes offices, conference room, toilet/showers, janitor's closet, equipment maintenance area, unit storage, general storage, lockers, arms vault, mechanical room and electrical room. Construct covered soldier gear wash areas adjacent to the COFs. Construct Directorate of Public Works (DPW) shop facility and a DPW hazardous material storage, a loading dock, a wash rack, and an emulsion tank that are in the footprint. Environmental remediation is required at the construction site. Infrastructure for cable television service will be provided. Install intrusion detection systems (IDS). Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems including sprinklers; paving, walks, curbs and gutters; storm drainage;						

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE		
ARMY		31 JAN 1997		
3. INSTALLATION AND LOCATION				
Schofield Barracks, Hawaii				
4. PROJECT TITLE		5. PROJECT NUMBER		
Whole Barracks Complex Renewal		44839		
9. COST ESTIMATES (CONTINUED)				
<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>				
Soldiers Gear Wash Area	m2	137.50	1,475	(203)
DPW Hazardous Material Storage	m2	185.81	1,851	(344)
Washrack w/Recycling System	LS	--	--	(300)
Emulsion Tank w/Berm	EA	1	98,000	(98)
Building Information Systems	LS	--	--	(1,438)
			Total	2,383
<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u>				
<p>information systems; site improvements; and road improvements to Kolekole Avenue, Foote Avenue and Flagler Road; and landscaping. Access for the handicapped will be provided for the DPW facilities. Air conditioning will be provided for the barracks (72 tons), the SCBs (36 tons), and DPW facilities (55 tons). Demolish 26 buildings (9,939 SM) within the footprint. Asbestos abatement is required prior to demolition. Supporting facility cost is high due to the relocation of the sewer line, road improvements, relocation of telephone, local area network (LAN) and Oceanic cables previously temporarily relocated under FY 95 Project Number 41064 project, and the demolition of existing buildings. Comprehensive interior design packages (buildings and furnishings) are required for all buildings.</p>				
11. REQ: 5,885 PN ADQT: 1,017 PN SUBSTD: 4,868 PN				
PROJECT: Construct a standard-design barracks to meet the Whole Barracks Renewal Program Standard. (Current Mission)				
REQUIREMENT: This project will provide barracks for a total maximum utilization of 288 enlisted personnel with intended utilization of 248 (40 E5-E6 and 208 E1-E4 of the 25th Infantry Division (Light), 2nd Brigade). This project is the fourth of many projects in a strategy to bring all billets into compliance with current criteria of the Army Whole Barracks Renewal Program standards. This project is essential for implementing the long-range plan to provide adequate barracks for the entire brigade. The new unaccompanied enlisted personnel housing (UEPH) facility will house personnel that will be displaced during the modernization of existing substandard barracks scheduled in future years. This project will also include the construction of a DPW shop facility and a DPW hazardous material storage. This project is a part of an Infantry Brigade Complex which includes construction of barracks for a maximum utilization of 980 persons, company operations and battalion headquarters buildings, a dining facility, and soldier gear wash areas for the Infantry Brigade, as well as replacement facilities for the displaced DPW maintenance facilities and calibration shop.				
CURRENT SITUATION: Personnel are currently housed in a substandard barracks				

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Schofield Barracks, Hawaii		
4. PROJECT TITLE	5. PROJECT NUMBER	
Whole Barracks Complex Renewal	44839	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>building (90 SF per person) located on Schofield Barracks earmarked for revitalization. Existing living accommodations do not meet current Army standards. The soldiers use gang latrines and showers, buildings lack proper plumbing, lighting, ventilation, and partitions for security, privacy, comfort and noise abatement. Billeting is currently located in the same building as the unit operations and headquarters facilities.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, personnel will continue to live in deteriorated barracks facilities constructed in 1921 which are below current Army standards. Personnel must double up in living quarters that are currently substandard or live off-base during the scheduled modernization of existing barracks. This will adversely affect the soldiers' quality-of-life and morale, therefore, compromising retention rates and ultimately, unit readiness. Maintenance costs for utilities and billet areas due to facility age will continue to increase. Current facilities utilized by DPW for maintenance activities are substandard temporary structures. If this project is not provided, DPW will be without their facilities necessary to perform its mission in support of the 25th Infantry Brigade Division (Light) and US Army Hawaii.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Parametric estimates have been used to develop project costs. During the past two years, \$21.6 million has been spent on RPM for unaccompanied enlisted personnel housing at Schofield Barracks. Upon completion of this project, the remaining permanent party requirement is 4,580 spaces at this installation.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	MAR 1996	
(b) Parametric Cost Estimating Used to Develop Costs	YES	
(c) Percent Complete As Of January 1997.....	40	
(d) Date 35% Designed.....	DEC 1996	
(e) Date Design Complete.....	JUN 1997	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) Y		
(b) Where Design Was Most Recently Used	Schofield Barracks	

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Schofield Barracks, Hawaii		
4. PROJECT TITLE		5. PROJECT NUMBER
Whole Barracks Complex Renewal		44839
12. SUPPLEMENTAL DATA: (Continued)		
A. Estimated Design Data: (Continued)		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):		(\$000)
(a) Production of Plans and Specifications.....		1,600
(b) All Other Design Costs.....		800
(c) Total Design Cost.....		2,400
(d) Contract.....		1,800
(e) In-house.....		600
(4) Construction Start.....		DEC 1997
		month & year
B. Equipment associated with this project which will be provided from other appropriations:		
Equipment	Procuring	Fiscal Year
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u> <u>Cost</u>
		<u>Or Requested</u> <u>(\$000)</u>
NA		
<p>Installation Engineer: COL Dennis J. Fontana</p> <p>Phone Number: 808 656-1289</p>		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Indiana		Crane Army Ammunition Activity (AMC)				43
	43249	Ammunition Containerization Complex Ph I	7,700	7,700	C	45
		Subtotal Crane Army Ammunition Activity PART I \$	7,700	7,700		
		* TOTAL MCA FOR Indiana	\$ 7,700	7,700		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Crane Army Ammunition Activity Indiana	4. COMMAND US Army Materiel Command		5. AREA CONSTRUCTION COST INDEX 1.01

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	2	0	660	0	0	0	2	1	0	665
B. END FY 2003	1	0	620	0	0	0	2	1	1	625

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	540
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	7,700
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	7,100
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	3,090
H. GRAND TOTAL.....	18,430

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:			
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)
			DESIGN STATUS
			START COMPLETE
149	43249	Ammunition Containerization Complex	7,700 03/1996 07/1997
TOTAL			7,700

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
149	Ammunition Containerization Complex	7,100
TOTAL		7,100
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
Administers the renovation, loading maintenance, receipt, storage and issue of designated types of ammunition, explosives, pyrotechnics, mines, depth charges and other related components and assigned guided missiles and related components. Administers the surveillance of ammunition and explosive in storage, and the disposal of unserviceable and/or dangerous ammunition and explosives.

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE		
ARMY		31 JAN 1997		
3. INSTALLATION AND LOCATION				
Crane Army Ammunition Activity, Indiana				
4. PROJECT TITLE	5. PROJECT NUMBER			
Ammunition Containerization Complex Ph I	43249			
9. COST ESTIMATES (CONTINUED)				
<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>				
Rail Spur	m	755.90	820.21	(620)
Loading Yard	LS	--	--	(1,600)
Lightning Protection	LS	--	--	(150)
Area Lighting	EA	29	5,000	(145)
Container Storage	m2	5,853	53.82	(315)
Building Information Systems	LS	--	--	(2)
			Total	2,832
<u>REQUIREMENT: (CONTINUED)</u>				
<p>installation to ship loaded ammunition containers from the current capability of 60 containers/day (in existing facilities) to 140 containers/day. A follow-on project (programmed in FY 99) will raise this installation's capability from 140 to 310 containers/day. The ability to quickly respond to a Major Regional Conflict requires early availability of empty shipping containers and the ability to handle, stuff, and ship ammunition in containers from this installation to Atlantic or Pacific outports for surface transportation in support of Rapid Deployment Forces.</p>				
<p><u>CURRENT SITUATION:</u> Under ASMP, this site is assigned a shipping requirement of 310 containers per day, more than five times the current capability. The installation has 168 miles of rail servicing over 1,600 ammunition storage igloos, with over 50 percent of ammunition stocks in storage accessible only by rail. Incoming empty containers (standard steel 8'x 8'x 20') are off-loaded and temporarily stored in holding/storage areas that lack inspection or repair facilities, lack a proper surface for sustained operations and are too small to meet projected empty container and container transport chassis repair and storage needs. Loading and unloading surfaces now used are too small to access more than one railcar at a time and lack a heavy duty surface to withstand the constant loads imposed by the Rough-Terrain Container Handler used to move/load containers.</p>				
<p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, this Activity will not be able to increase ammunition shipping operations consistent with ASMP requirements. Delays in delivery of ammunition could delay departure of elements of the Rapid Reaction Force, or leave deployed elements critically short of ammunition should follow-on stocks not arrive in theater as planned.</p>				
<p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this</p>				

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Kansas		Fort Leavenworth (TRADOC)				51
	41069	US Disciplinary Barracks	63,000	63,000	C	53
		Subtotal Fort Leavenworth PART I	\$ 63,000	63,000		
		Fort Riley (FORSCOM)				57
	41706	Close Combat Tactical Trainer Building	7,300	7,300	N	59
	46871	Whole Barracks Complex Renewal	18,500	18,500	C	62
		Subtotal Fort Riley PART I	\$ 25,800	25,800		
		* TOTAL MCA FOR Kansas	\$ 88,800	88,800		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Leavenworth Kansas	4. COMMAND US Army Training and Doctrine Command		5. AREA CONSTRUCTION COST INDEX 1.06	

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER ENLIST CIVIL			OFFICER ENLIST CIVIL			OFFICER ENLIST CIVIL			TOTAL
A. AS OF 30 SEP 1996	903	1151	1539	1738	6	74	165	1104	1809	8,489
B. END FY 2003	935	1162	1529	1716	6	56	145	694	1804	8,047

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	924 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	167,610
C. AUTHORIZATION NOT YET IN INVENTORY.....	15,414
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	63,000
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	52,037
H. GRAND TOTAL.....	298,061

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:			
CATEGORY	PROJECT	COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000) START COMPLETE
730	41069	US Disciplinary Barracks	63,000 07/1994 12/1996
		TOTAL	63,000

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST
CODE		(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
Provides administrative and logistical support to US Army Command and General Staff College, US Army Disciplinary Barracks, US Army Combined Arms Center and other tenant organizations.	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
<p>INSTALLATION AND LOCATION: Fort Leavenworth Kansas</p>		
<p> </p>		
<p>REMARKS :</p> <p>The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$244,352 K, based on the Installation Status Report information on conditions as of October 1996.</p>		
<p> </p>		

1. COMPONENT		FY 1998		MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY						31 JAN 1997	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
Fort Leavenworth Kansas				US Disciplinary Barracks			
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
85796A		100		41069		Auth 63,000 Approp 63,000	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							42,675
Confinement Housing				m2	11,179	1,470	(16,433)
Special Housing				m2	4,299	1,377	(5,918)
Entry & Lobby & Visitor				m2	2,109	1,480	(3,122)
Administration/Medical				m2	2,023	1,508	(3,051)
Gymnasium/Recreation				m2	3,518	1,009	(3,548)
Total from Continuation page							(10,603)
<u>SUPPORTING FACILITIES</u>							13,786
Electric Service				LS	--	--	(2,745)
Water, Sewer, Gas				LS	--	--	(2,145)
Steam And/Or Chilled Water Distr				LS	--	--	(132)
Paving, Walks, Curbs And Gutters				LS	--	--	(2,843)
Storm Drainage				LS	--	--	(749)
Site Imp(4,297) Demo()				LS	--	--	(4,297)
Information Systems				LS	--	--	(875)
ESTIMATED CONTRACT COST							56,461
CONTINGENCY PERCENT (5.00%)							2,823
SUBTOTAL							59,284
SUPERVISION, INSPECTION & OVERHEAD (6.00%)							3,557
TOTAL REQUEST							62,841
TOTAL REQUEST (ROUNDED)							63,000
INSTALLED EQT-OTHER APPROPRIATIONS							(2,385)
10. Description of Proposed Construction Construct a long-term, maximum security confinement and rehabilitation facility (512 capacity). Primary facilities include general and special confinement housing with showers and latrines; administrative areas; entry, lobby, visiting and staff areas; armory; kitchen and dining area; medical and dental facilities; storage area; perimeter security fencing and guard house; educational and vocational training space; gymnasium; outdoor recreation area; religious and library areas; maintenance shops; warehouse; laundry; and hazardous materials storage. Prewired workstations will be provided in administrative areas (funded by Defense Business Office Funds (DBOF). An interior design package including kitchen, laundry and medical and dental layouts will be provided. Primary facilities will be connected to the existing energy monitoring and control system (EMCS) and will be provided with a fire alarm and protection system, and an electronic security system. Supporting facilities include utilities; electric service; perimeter lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating will be provided by a centralized utility plant with gas-fired boilers. Air conditioning: 1,200 tons. Lay away existing confinement facility (318,686 m2).							

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997

3. INSTALLATION AND LOCATION

Fort Leavenworth, Kansas

4. PROJECT TITLE

US Disciplinary Barracks

5. PROJECT NUMBER

41069

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Laundry/Food Service	m2	2,666	976.07	(2,602)
Vocations	m2	3,048	1,026	(3,127)
Maintenance Facility	m2	646.88	1,323	(856)
Back Sallyport	m2	154.96	2,007	(311)
Central Plant	m2	887.13	2,448	(2,172)
Security Fencing	m	2,358	321.62	(758)
EMCS Connection	LS	--	--	(54)
Building Information Systems	LS	--	--	(723)
			Total	10,603

11. REQ: 31,614 m2 ADQT: NONE SUBSTD: 29,607 m2

PROJECT: Construct a 512 person maximum security confinement and rehabilitation facility. (Current Mission)

REQUIREMENT: This project is required to support the Army's Executive Agent mission to safely confine military inmates from all services and conduct correctional and rehabilitation treatment. Confinement is not limited to confinement housing, but also includes facilities to support the physical, mental, spiritual and vocational growth of inmates.

CURRENT SITUATION: The US Disciplinary Barracks (USDB) is the only existing, long-term, maximum security corrections facility in the Department of Defense. It is an integral part of the military justice system and confines the long-term inmates of all Services. Constructed in the early 1900s, the radial plan is comprised of four domicile wings with eight tiers of 40 cells, three administrative wings, one dining, and a central rotunda. The structural concrete walls, floors and roof are severely cracked, and the reinforcing is exposed and deteriorating. A structural analysis of the domiciles uncovered serious deficiencies in the steel, concrete, and masonry construction. Collapse of the facility is possible. The cell blocks are of considerable height causing temperature stratification which wastes fuel and inhibits proper ventilation. The antiquated design of the cell block areas necessitate excessive guard manpower to ensure proper custody and control of inmates.

IMPACT IF NOT PROVIDED: If this project is not provided, excessive operations and maintenance costs will continue. Valuable Military Police manpower will continue to be stretched to meet guard requirements. Structural deterioration of the present facility will continue resulting in possible structural failure. Actual failure of the domicile building would result in the possible serious injury or death of guards and inmates.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Leavenworth, Kansas		
4. PROJECT TITLE US Disciplinary Barracks		5. PROJECT NUMBER 41069
<p>ADDITIONAL: (CONTINUED)</p> <p>(CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	JUL 1994	
(b) Parametric Cost Estimating Used to Develop Costs	NO	
(c) Percent Complete As Of January 1997.....	100	
(d) Date 35% Designed.....	MAY 1995	
(e) Date Design Complete.....	DEC 1996	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) N		
(b) Where Design Was Most Recently Used		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....	3,350	
(b) All Other Design Costs.....	2,010	
(c) Total Design Cost.....	5,360	
(d) Contract.....	4,020	
(e) In-house.....	1,340	
(4) Construction Start..... DEC 1997		
month & year		
B. Equipment associated with this project which will be provided from other appropriations:		
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested Cost (\$000)
Elect Security	OPA	1998 500
Info Sys - ISC	OPA	1999 1,782
Info Sys - PROP	OPA	1999 103
		TOTAL 2,385

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Leavenworth, Kansas		
4. PROJECT TITLE US Disciplinary Barracks	5. PROJECT NUMBER 41069	
<div data-bbox="464 1837 1157 1904" data-label="Text"> <p>Installation Engineer: LTC Stephen C. Wood Phone Number: 913 684-5646</p> </div>		

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Riley Kansas	4. COMMAND US Army Forces Command		5. AREA CONSTRUCTION COST INDEX 1.03	

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	998	9497	1989	0	16	0	10	45	1864	14,419
B. END FY 2003	1009	9590	1834	0	10	0	10	45	1862	14,360

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	40,740 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	539,658
C. AUTHORIZATION NOT YET IN INVENTORY.....	63,300
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	25,800
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	79,579
H. GRAND TOTAL.....	708,337

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:					
CATEGORY PROJECT				COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE		(\$000)	START COMPLETE
171	41706	Close Combat Tactical Trainer Building		7,300	02/1996 09/1997
721	46871	Whole Barracks Complex Renewal		18,500	01/1996 07/1997
TOTAL				25,800	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
Provide for the support and training of the First Infantry Division (Mech) and non-divisional support units. Support the US Army Confinement Brigade, Third Region ROTC, Readiness Group, and reserve components training.	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
INSTALLATION AND LOCATION: Fort Riley Kansas		
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$389,441 K, based on the Installation Status Report information on conditions as of October 1996.		

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Fort Riley, Kansas		
4. PROJECT TITLE	5. PROJECT NUMBER	
Close Combat Tactical Trainer Building	41706	
<p><u>REQUIREMENT:</u> This project is required to provide a combined arms tactical training system complex consisting of a primary training facility and equipment to provide a system to train and sustain individual and collective (crew through company task force) tasks and skills in command and control, communications, and maneuver, and to integrate the function of combat support and combat service support units. This is accomplished by using a group of fully interactive networked emulators and command, control and communications work stations, replicating the vehicles and weapons systems of a mechanized infantry or armor battalion task force and its supporting combat, combat support, and combat service support elements, operating on an emulated real-time battlefield. This facility is for the first of a family of Combined Arms Tactical Trainers. Training of the individual to properly respond within the combined arms team is the keystone that will be emphasized and developed with this family of systems.</p> <p><u>CURRENT SITUATION:</u> This is a new Army/Department of Defense initiative, therefore, no facilities or equipment exist at Fort Riley that can provide for or house this training system. Adequate existing facilities to support this mission are not available for the developing family of systems. Currently, tactical combined arms training is achieved by using tactical vehicles and soldiers in field training exercises. This method of training is expensive and equipment intensive, which reduces the operational life of the tactical equipment. Use of the combined arms tactical trainers provides an alternative to the use of tactical field exercises as the sole means to achieve totally trained forces.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, use of field exercise training events to train the soldier will continue. The present system of training is costly and relies on a diminishing base for funds and resources required for its support. As competition for funds intensifies, lower cost alternatives to augment and enhance field training must be developed. Continued use of field exercises places a high degree of wear on combat equipment for which funding is also becoming more difficult to obtain. The use of a close combat tactical trainer system provides a highly effective training method at a lower cost, giving the Army tactical superiority in the battlefield environment.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternate methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet this requirement. Parametric estimates have been used to develop project costs.</p>		

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Riley, Kansas		
4. PROJECT TITLE Close Combat Tactical Trainer Building		5. PROJECT NUMBER 41706

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	<u>FEB 1996</u>
(b) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>
(c) Percent Complete As Of January 1997.....	<u>40</u>
(d) Date 35% Designed.....	<u>DEC 1996</u>
(e) Date Design Complete.....	<u>SEP 1997</u>

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y

(b) Where Design Was Most Recently Used
Fort Hood

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	<u>310</u>
(b) All Other Design Costs.....	<u>186</u>
(c) Total Design Cost.....	<u>496</u>
(d) Contract.....	<u>372</u>
(e) In-house.....	<u>124</u>

(4) Construction Start..... JAN 1998
month & year

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
CCTT Trainer	OPA	1998	15,745
IDS Equipment	OPA	1999	29
Info Sys - ISC	OPA	1998	49
TOTAL			15,823

Installation Engineer: LTC Gary L. Heer
 Phone Number: 913 239-3906

1.COMPONENT		2.DATE		
ARMY FY 1998 MILITARY CONSTRUCTION PROJECT DATA		31 JAN 1997		
3.INSTALLATION AND LOCATION		4.PROJECT TITLE		
Fort Riley Kansas		Whole Barracks Complex Renewal		
5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST (\$000)	
22696A	721	46871	Auth 18,500 Approp 18,500	
9.COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY				13,854
Barracks	m2	6,421	1,238	(7,949)
Battalion Headquarters	m2	1,496	1,205	(1,802)
Dining Facility	m2	1,856	1,991	(3,696)
Pre-Wired Work Station	EA	12	4,878	(59)
EMCS Connection	LS	---	---	(53)
Building Information Systems	LS	---	---	(295)
SUPPORTING FACILITIES				2,571
Electric Service	LS	---	---	(319)
Water, Sewer, Gas	LS	---	---	(110)
Steam And/Or Chilled Water Distr	LS	---	---	(80)
Paving, Walks, Curbs And Gutters	LS	---	---	(926)
Storm Drainage	LS	---	---	(153)
Site Imp(431) Demo(452)	LS	---	---	(882)
Information Systems	LS	---	---	(101)
ESTIMATED CONTRACT COST				16,425
CONTINGENCY PERCENT (5.00%)				821
SUBTOTAL				17,246
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				1,035
TOTAL REQUEST				18,281
TOTAL REQUEST (ROUNDED)				18,500
INSTALLED EQT-OTHER APPROPRIATIONS				()
10.Description of Proposed Construction Construct a standard-design whole barracks renewal complex. Project includes barracks, battalion headquarters building and a dining facility. Barracks include living/sleeping rooms, semi-private baths, walk-in closets, and storage. Battalion headquarters and dining facility will replace facilities currently located in the barracks footprint. Work includes pre-wired workstations. Dining facility includes a ration storage area and cash handling area. Install an intrusion detection system (IDS). Connect energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; access roads; paving, walks, curbs and gutters; parking; storm drainage; information systems; and site improvements. Heating (gas-fired) will be provided by self contained, high efficiency modular boilers. Air conditioning (175 tons) will be provided by existing central plant. Demolish two buildings (7,372 SM) with asbestos and lead paint removal.				
11. REQ: 3,356 PN ADQT: 1,335 PN SUBSTD: 2,023 PN PROJECT: Construct a standard-design barracks, battalion headquarters building and a dining facility. (Current Mission)				

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Fort Riley, Kansas		
4. PROJECT TITLE	5. PROJECT NUMBER	
Whole Barracks Complex Renewal	46871	
<p><u>REQUIREMENT:</u> This project will complete a complex started in FY 96 as well as providing a dining facility and a battalion headquarters. This project is required to revitalize troop housing to current standards. The entire 1st Brigade and two separate battalions area will be replaced using the whole barracks renewal concept. Living conditions will be improved and individual privacy increased, thus enhancing the attractiveness of the military service and contributing to Army readiness. The facilities to be replaced lack the necessities that are currently authorized for enlisted personnel. This project will significantly increase the quality of life for soldiers living in the barracks. Maximum and intended utilization is 240.</p> <p><u>CURRENT SITUATION:</u> These facilities are over 40 years old (in 1998) and have received only partial renovations. The electrical, plumbing and mechanical systems are failing and require increasing levels of maintenance. The buildings are not energy efficient being constructed prior to the current energy standards. Existing latrine facilities have extremely poor ventilation and moisture and condensation problems create constant complaints. It is impossible to provide adequate facilities for female soldiers without isolating one-half of a floor. Buildings fail to meet current fire life safety codes and lack the structural reinforcement necessary to meet seismic zone II requirements. Energy efficiency is impossible to obtain and continues to be a costly burden on the installation. Gang type latrines and showers are shared by approximately 80 soldiers on each floor.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the lack of adequate, modern living facilities will continue to have an adverse impact on troop morale and retention rates. Existing mechanical and electrical systems will continue to deteriorate requiring increased piecemeal maintenance and replacement. Buildings will continue to increase in energy usage as efficiency of the components and building fabric deteriorate. Increasing amounts of scarce operation and maintenance funds will be used to maintain buildings well past their useful life.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis was prepared and utilized in evaluating this project. During the past two years, \$17.9 million has been spent on RPM for unaccompanied enlisted personnel housing at Fort Riley. Upon completion of this project, the remaining permanent party requirement is 1,783 spaces at this installation.</p>		

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Fort Riley, Kansas		
4. PROJECT TITLE		5. PROJECT NUMBER
Whole Barracks Complex Renewal		46871
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	JAN 1996	
(b) Parametric Cost Estimating Used to Develop Costs	NO	
(c) Percent Complete As Of January 1997.....	60	
(d) Date 35% Designed.....	JUL 1996	
(e) Date Design Complete.....	JUL 1997	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) Y		
(b) Where Design Was Most Recently Used		
Fort Riley		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....	800	
(b) All Other Design Costs.....	480	
(c) Total Design Cost.....	1,280	
(d) Contract.....	960	
(e) In-house.....	320	
(4) Construction Start.....		
	JAN 1998	
	month & year	
Installation Engineer: LTC Gary L. Heer Phone Number: 919 239-3906		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
	NUMBER	PROJECT TITLE				
Kentucky		Fort Campbell (FORSCOM)				67
	46740	Whole Barracks Complex Renewal	37,000	37,000	C	69
		Subtotal Fort Campbell PART I	\$ 37,000	37,000		
		Fort Knox (TRADOC)				73
	48228	Whole Barracks Complex Renewal	0	22,000	C	75
		Subtotal Fort Knox PART I	\$ 0	22,000		
		* TOTAL MCA FOR Kentucky	\$ 37,000	59,000		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Campbell Kentucky	4. COMMAND US Army Forces Command		5. AREA CONSTRUCTION COST INDEX 0.99

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	2888	19968	2319	24	192	0	24	159	3344	28,918
B. END FY 2003	2919	20371	2167	4	187	0	24	159	3344	29,175

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	42,519 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	388,554
C. AUTHORIZATION NOT YET IN INVENTORY.....	233,301
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	37,000
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	38,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	130,006
H. GRAND TOTAL.....	826,861

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:			
CATEGORY PROJECT		COST	DESIGN STATUS
CODE NUMBER PROJECT TITLE		(\$000)	START COMPLETE
721 46740 Whole Barracks Complex Renewal		37,000	11/1995 09/1997
TOTAL		37,000	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE PROJECT TITLE		(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
721 Whole Barracks Complex Renewal		38,000
TOTAL		38,000
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

Support and training of an Airborne (Air Assault) Division and other non-divisional support units. Ensure the most efficient utilization of resources to operate the installation and discharge the Fort Campbell area support mission. Ensure that Fort Campbell is prepared for mobilization. Provide command and control, and prepare designated units to rapidly deploy worldwide for the performance of combat, combat support, and combat service support missions as assigned.

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997								
<div style="display: flex; justify-content: space-between;"> INSTALLATION AND LOCATION: Fort Campbell Kentucky </div>										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: right;">(\$000)</th> </tr> </thead> <tbody> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </tbody> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$521,872 K, based on the Installation Status Report information on conditions as of October 1996.</p>										

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Campbell Kentucky			4. PROJECT TITLE Whole Barracks Complex Renewal			
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 721	7. PROJECT NUMBER 46740	8. PROJECT COST (\$000) Auth 37,000 Approp 37,000		
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					30,161	
Barracks		m2	9,427	1,270	(11,976)	
Special Foundations		LS	--	--	(1,100)	
Soldier Community Bldg		m2	1,358	1,270	(1,725)	
Company Operations Bldgs		m2	7,717	1,119	(8,639)	
Battalion Headquarters		m2	1,327	1,188	(1,576)	
Total from Continuation page					(5,145)	
<u>SUPPORTING FACILITIES</u>					3,461	
Electric Service		LS	--	--	(410)	
Water, Sewer, Gas		LS	--	--	(111)	
Paving, Walks, Curbs And Gutters		LS	--	--	(1,198)	
Storm Drainage		LS	--	--	(281)	
Site Imp(719) Demo(699)		LS	--	--	(1,418)	
Information Systems		LS	--	--	(43)	
ESTIMATED CONTRACT COST					33,622	
CONTINGENCY PERCENT (5.00%)					1,681	
SUBTOTAL					35,303	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					2,118	
TOTAL REQUEST					37,421	
TOTAL REQUEST (ROUNDED)					37,000	
INSTALLED EQT-OTHER APPROPRIATIONS					()	
10. Description of Proposed Construction Construct Phase 3 of a standard-design whole barracks renewal complex. Project includes living/sleeping rooms with semi-private baths and walk-in closets; operations and supply buildings to accommodate three small, six medium, and one large infantry companies; one medium-sized battalion headquarters and classroom; one brigade headquarters building; and one battalion-sized dining facility. Construct a soldier community building including dayroom, television room, storage, and laundry facilities. Connect energy monitoring and control systems (EMCS). Supporting facilities include underground utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; access roads; storm drainage; information systems; recreation field improvements; and site improvements. Access for the handicapped will be provided in administrative areas. Heating will be provided by gas-fired units and air conditioning (1,250 tons) by self-contained units. Demolish 11 buildings (28,852 SM) within the footprint.						
11. REQ: 7,042 PN ADQT: 2,200 PN SUBSTD: 4,842 PN PROJECT: Construct Phase 3 of a standard-design barracks/operations complex to meet the Whole Barracks Renewal Program Standard. (Current Mission)						

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE		
ARMY		31 JAN 1997		
3. INSTALLATION AND LOCATION				
Fort Campbell, Kentucky				
4. PROJECT TITLE		5. PROJECT NUMBER		
Whole Barracks Complex Renewal		46740		
9. COST ESTIMATES (CONTINUED)				
<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>				
Brigade Headquarters Bldg	m2	938.30	1,187	(1,114)
Dining Facility	m2	1,846	2,016	(3,722)
EMCS Connection	LS	--	--	(40)
Building Information Systems	LS	--	--	(269)
			Total	5,145
<p><u>REQUIREMENT:</u> This project is required to provide barracks with current Army standards for unaccompanied personnel housing that comply with improved living conditions and increase security and individual privacy. Intended utilization is 312 spaces. Maximum utilization is 336 enlisted personnel.</p> <p><u>CURRENT SITUATION:</u> Soldiers are living in inadequate Korean War-era barracks that do not provide the minimum net square footage required by current Army standards. Barracks have gang latrines, deteriorating heating and cooling systems, inadequate lighting, and undersized sewage drains that overflow into showers, hallways, and living quarters. These barracks do not have heat and smoke detectors and do not provide adequate security for soldiers' personal and military issue items. Soldiers have very little privacy as the barracks also house administrative work areas on the first floor.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, single soldiers will continue to live in barracks which lack authorized living space; properly functioning heating and cooling systems; adequately sized utilities; safety and security components; and other features that provide security, privacy and comfort for soldiers according to current Army standards. Current conditions create a negative impact on soldiers morale and undermine efforts to retain quality soldiers in the Army.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project. During the past two years, \$17.6 million has been spent on RPM for unaccompanied enlisted personnel housing at Fort Campbell. Upon completion of this project, the remaining permanent party requirement is 4,506 spaces at this installation.</p>				

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Campbell, Kentucky		
4. PROJECT TITLE Whole Barracks Complex Renewal		5. PROJECT NUMBER 46740

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	NOV 1995
(b) Parametric Cost Estimating Used to Develop Costs	NO
(c) Percent Complete As Of January 1997.....	50
(d) Date 35% Designed.....	AUG 1996
(e) Date Design Complete.....	SEP 1997

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y

(b) Where Design Was Most Recently Used
Fort Jackson

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	1,620
(b) All Other Design Costs.....	1,380
(c) Total Design Cost.....	3,000
(d) Contract.....	2,500
(e) In-house.....	500

(4) Construction Start..... JAN 1998
month & year

Installation Engineer: LTC John L. McGonigle

Phone Number: 502 798-9700

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Knox Kentucky	4. COMMAND US Army Training and Doctrine Command		5. AREA CONSTRUCTION COST INDEX 0.98	

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 30 SEP 1996	973	6130	3518	466	4665	0	80	344	3077	19,253
B. END FY 2003	911	5225	3421	435	4818	0	81	465	3032	18,388

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	17,886 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	483,848
C. AUTHORIZATION NOT YET IN INVENTORY.....	111,263
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	22,000
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	36,103
H. GRAND TOTAL.....	653,214

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:				COST	DESIGN STATUS	
CATEGORY	PROJECT			(\$000)	START	COMPLETE
CODE	NUMBER	PROJECT TITLE				
721	48228	Whole Barracks Complex Renewal		22,000	02/1996	09/1997
TOTAL				22,000		

9. FUTURE PROJECTS:			COST
CATEGORY			(\$000)
CODE	PROJECT TITLE		
A. REQUESTED IN THE FY 1999 PROGRAM: NONE			
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE			

10. MISSION OR MAJOR FUNCTIONS:

Fort Knox houses the following: Headquarters Fort Knox, USA Armor School, 1st and 4th Training Brigades, USAARMC Headquarters Commandant/Commander of Troops, 12th Cavalry Regiment, 194th Armored Task Force, Fort Knox MEDDAC, Fort Knox DENTAC, 46th AG Battalion(Reception), US Army Research Institute, Armor Research and Development Activity, U.S. Army Second ROTC Region, U.S. Army ROTC Cadet Command, USA Readiness Group Knox, Training Group, U.S. Army Information System Command, Logistical Assistance and Protection of Gold Depository, Det 5, 5th Weather Squadron (USAF), USA NCO Academy/Drill Sergeant School, U.S. Army Legal Services Agency, AMC Logistic Assistance Office - Fort Knox, Fort Knox District, Third Region, USACIDC, TRADOC Management Engineering Agency, U.S. Army TMDE Support Operation, Summer Training, Reserve and National Guard Training Support, Support of Civilian Components.

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997								
<div style="display: flex; justify-content: space-between;"> <div>INSTALLATION AND LOCATION: Fort Knox</div> <div>Kentucky</div> </div>										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: right;">(\$000)</th> </tr> </thead> <tbody> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </tbody> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$491,999 K, based on the Installation Status Report information on conditions as of October 1996.</p>										

1.COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 31 JAN 1997	
3.INSTALLATION AND LOCATION Fort Knox Kentucky				4.PROJECT TITLE Whole Barracks Complex Renewal		
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 721	7.PROJECT NUMBER 48228		8.PROJECT COST (\$000) Auth Approp 22,000	
9.COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						19,329
Barracks			m2	6,846	1,249	(8,547)
Operations Building			m2	7,432	1,167	(8,676)
Pre-Wired Workstations			EA	255	4,433	(1,130)
EMCS Connection			LS	--	--	(45)
Building Information Systems			LS	--	--	(931)
<u>SUPPORTING FACILITIES</u>						639
Electric Service			LS	--	--	(55)
Water, Sewer, Gas			LS	--	--	(10)
Paving, Walks, Curbs And Gutters			LS	--	--	(282)
Storm Drainage			LS	--	--	(56)
Site Imp(203) Demo()			LS	--	--	(203)
Information Systems			LS	--	--	(33)
ESTIMATED CONTRACT COST						19,968
CONTINGENCY PERCENT (5.00%)						998
SUBTOTAL						20,966
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						1,258
TOTAL REQUEST						22,224
TOTAL REQUEST (ROUNDED)						22,000
INSTALLED EQT-OTHER APPROPRIATIONS						()
10.Description of Proposed Construction Construct the second phase of a two-phased standard design barracks complex. In FY 97, Congress authorized a total project of \$32 million but appropriated only \$10 million for a first phase. This FY 98 project will fund the second phase of the total authorization. Construct standard-design barracks to include living/sleeping rooms, semi-private baths, walk-in closets, storage, and an operations facility with pre-wired workstations. Connect energy monitoring and control systems (EMCS). Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarms systems; fencing; paving, walks, curbs and gutters; access roads and parking; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating will be provided by gas-fired boilers. Air conditioning (250 tons) will be provided for the barracks and the operations facility (250 tons). Comprehensive interior and furnishings related design services are required.						
11. REQ: 1,326 PN ADQT: 1,014 PN SUBSTD: 312 PN PROJECT: Construct Phase II of a two-phased standard-design enlisted whole barracks renewal complex and an operations facility. (Current Mission)						

1. COMPONENT		2. DATE
ARMY FY 1998 MILITARY CONSTRUCTION PROJECT DATA		31 JAN 1997
3. INSTALLATION AND LOCATION		
Fort Knox, Kentucky		
4. PROJECT TITLE		5. PROJECT NUMBER
Whole Barracks Complex Renewal		48228
<p><u>REQUIREMENT:</u> This project is required to provide barracks that comply with current Army standards for bachelor housing, improve living conditions, and increase individual privacy and security. This project will replace multi-purpose hammerhead style buildings. Construction of the operations building will replace operations space previously displaced by the renovation of five hammerhead barracks and inadequate operations space within an existing 1930's era barracks. Intended utilization of the combined two-phased barracks construction is 156 persons. Maximum utilization is 312 persons.</p> <p><u>CURRENT SITUATION:</u> Existing hammerhead style barracks buildings, built in 1953 for basic trainees, are three-story masonry structures with central latrines and temporary walls dividing open bay space into under- sized two-person room configurations. Unit operations space and a kitchen/dining area are currently contained in barracks buildings. Regimental and squadron headquarters occupy space within a 1930s era barracks facility partially converted to office space. Interior electrical and lighting is insufficient. Existing operations building interior wall configuration does not meet the operations needs of the modern Army mission. Both the existing barracks and the operations building have rusted and deteriorated uninsulated, single pane, steel windows. Air infiltration and window frame seepage causes interior moisture damage. Building exteriors are not insulated. Poor overall site grading causes water ponding around the site.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, soldiers will continue to live and work in inadequate barracks that impact their morale and well being and undermine efforts to retain quality Army soldiers. The deteriorated windows will continue to cause energy waste and accelerate interior moisture damage.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project. Parametric estimates have been used to develop project costs. During the past two years, \$16 million has been spent on RPM for unaccompanied enlisted personnel housing at Fort Knox. The project completes the requirement to provide adequate permanent party barracks spaces at this installation.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	FEB 1996	
(b) Parametric Cost Estimating Used to Develop Costs	YES	
(c) Percent Complete As Of January 1997.....	40	
(d) Date 35% Designed.....	OCT 1996	

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
New Mexico		White Sands Missile Range (AMC)				81
	45468	National Range Control Center - Ph II	0	18,000	C	83
		Subtotal White Sands Missile Range PART I	\$ 0	18,000		
		* TOTAL MCA FOR New Mexico	\$ 0	18,000		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION White Sands Missile Range New Mexico	4. COMMAND US Army Materiel Command		5. AREA CONSTRUCTION COST INDEX 1.06	

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 30 SEP 1996	100	697	2758	0	0	0	22	182	1524	5,283
B. END FY 2003	60	343	2016	0	0	0	18	182	1433	4,052

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	373,677 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	383,733
C. AUTHORIZATION NOT YET IN INVENTORY.....	13,200
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	18,000
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	28,304
H. GRAND TOTAL.....	443,237

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:				
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS START COMPLETE
	CODE NUMBER			
	371 45468	National Range Control Center	18,000	09/1996 10/1997
TOTAL			18,000	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
	CODE	
A. REQUESTED IN THE FY 1999 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
<p>A National Range performing test and evaluation of missile and rocket systems and related material. Provides specialized technical support for all range users, including Army, Navy, Air Force and systems contractors.</p>	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
INSTALLATION AND LOCATION: White Sands Missile Range New Mexico		
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$1,200,310 K, based on the Installation Status Report information on conditions as of October 1996.		

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION White Sands Missile Range New Mexico			4. PROJECT TITLE National Range Control Center - Ph II		
5. PROGRAM ELEMENT 72896A	6. CATEGORY CODE 371	7. PROJECT NUMBER 45468	8. PROJECT COST (\$000) Auth Approp 18,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					23,206
Technical Support Area		m2	7,812	1,556	(12,158)
Customer Service Area		m2	1,419	1,263	(1,792)
Loading Dock		m2	891.87	282.98	(252)
Building Information Systems		LS	--	--	(9,004)
<u>SUPPORTING FACILITIES</u>					1,555
Electric Service		LS	--	--	(442)
Water, Sewer, Gas		LS	--	--	(102)
Paving, Walks, Curbs And Gutters		LS	--	--	(789)
Storm Drainage		LS	--	--	(18)
Site Imp(74) Demo()		LS	--	--	(74)
Information Systems		LS	--	--	(130)
ESTIMATED CONTRACT COST					24,761
CONTINGENCY PERCENT (5.00%)					1,238
SUBTOTAL					25,999
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					1,560
TOTAL REQUEST					27,559
TOTAL REQUEST (ROUNDED)					28,000
INSTALLED EQT-OTHER APPROPRIATIONS					(1,491)
10. Description of Proposed Construction This project provides funding to complete the \$28 million first phase of a two phased construction project. In FY 97, Congress authorized \$41 million for this project but appropriated only \$10 million. The first phase will be funded with the FY 97 appropriation of \$10 million and an FY 98 appropriation of \$18 million. Project also includes a telemetry data center, a real-time data processing center, a telecommunications center with crypto vault, a video relay center, a drone formation control center, a drone target control system, the airspace display and control center, an operations control center, a test scheduling center, a range safety center, an electronics maintenance support shop, a components storage room, an observation area, a loading dock, and a covered entry with lobby and a customer coordination area. Special features include controlled environment and raised floors for automated data processing (ADP) throughout, uninterruptable power supply (UPS), emergency generator, intrusion detection system (IDS), security fencing and gate, passenger and freight elevators, fire alarm and suppression system, provisions for rooftop antennas, and information systems with TEMPEST-qualified spaces. Supporting facilities include utilities; electric service; paving, walks, curbs and gutters; access roads and parking areas; storm drainage; information systems and site improvements.					

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION White Sands Missile Range, New Mexico		
4. PROJECT TITLE National Range Control Center - Ph II		5. PROJECT NUMBER 45468
<p>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</p> <p>Access for the handicapped will be provided. Heating will be provided by gas-fired hot water and air conditioning (350 tons) by central units.</p>		
<p>11. REQ: 10,123 m2 ADQT: NONE SUBSTD: 7,374 m2</p> <p>PROJECT: Construct a National Range Control Center (NRCC). (Current Mission)</p> <p>REQUIREMENT: This project is required to provide a facility with sufficient specialized spaces to accommodate essential personnel from installation, tenant and using agencies and activities immediately involved in the flight testing of missiles and target systems. The facility serves as the operations hub where an extensive network of instrumentation and sensors provides continuous real-time surveillance and oversight over the terrain and the unlimited airspace above, over numerous concurrent tests underway within the range and airspace, and provides for central control and management of major test events. It will provide the capability to segregate oversight of concurrent classified and unclassified tests. Test participants supported at the National Missile Range include all the Services, the Department of Defense (DOD), the National Aeronautics and Space Administration, commercial developers of missiles and associated hardware, allied missile developers and foreign military sales customers. Tests involve surface-to-surface, surface-to-air, air-to-air, and air-to-surface missile or directed energy events against a variety of stationary to high-speed/high-performance controlled targets, with some events involving Space Shuttle recovery or launch of orbital payloads.</p> <p>CURRENT SITUATION: The existing NRCC was constructed in the 1960s. New and evolving systems, capabilities and technologies have since increased requirements beyond the capacity of the existing building. Range safety, scheduling and the Microwave Video Center are currently a half-mile distant, requiring frequent hikes by customers and support personnel each day to meet requirements at the various sites. Increase in air traffic control staffing and responsibilities mandates additional space for round-the-clock control of the airspace, to include ground-controlled approaches to Holloman Air Force Base. There are no spaces within the NRCC where customers can interface with range control or test operations personnel, so coordination must be accomplished standing in the entry way, hallways, or crowded at the center occupants's work station between test events. Observers requiring access to the NRCC to observe test events may be prohibited from real-time observation if a classified test of another system is scheduled in the same time frame, and space available for real-time observation is severely limited. The NRCC is non-compliant with many current building codes, such as fire protection. Asbestos sprayed onto the concrete ceiling that forms the top of the return air chamber for each floor is deteriorating to the extent that there is an increasing potential for asbestos release in the near future. To avoid such an incident, work involving any activity within the air plenums (over ceiling or under floor) has been stopped, allowing degradation of the roof, lighting</p>		

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
ARMY			31 JAN 1997
3. INSTALLATION AND LOCATION			
White Sands Missile Range, New Mexico			
4. PROJECT TITLE		5. PROJECT NUMBER	
National Range Control Center - Ph II		45468	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>systems and heating, ventilation and air conditioning systems. Any incident involving release of asbestos would, at best, require extraordinary measures to continue test operations from dispersed remote locations, and would severely curtail operations, with significant and costly delays in high-priority programs, while mitigation was accomplished in the existing facility.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the existing dispersed activities and NRCC will remain in operation with mission support provided from an obsolete, potentially hazardous building. The potential for release of hazardous levels of asbestos risks closure of the NRCC and potentially all real-time operations at White Sands Missile Range (WSMR) for an extended period of time. Major programs would be at risk. Relocation of programs to other locations is not practical and would require duplication of investments already in place at WSMR, since none can make available an adequately sized and instrumented over-land range, with DOD controlled airspace from the surface to infinity. Since more than 70 percent of WSMR is reimbursable funded, NRCC closure would require layoff of the bulk of the civilian and contractor workforce.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project. Parametric estimates have been used to develop project costs. This project is design-build.</p>			
12. SUPPLEMENTAL DATA:			
A. Estimated Design Data:			
(1) Status:			
(a) Date Design Started.....			SEP 1996
(b) Parametric Cost Estimating Used to Develop Costs			YES
(c) Percent Complete As Of January 1997.....			35
(d) Date 35% Designed.....			JUN 1997
(e) Date Design Complete.....			JUN 1997
(2) Basis:			
(a) Standard or Definitive Design - (YES/NO) N			
(b) Where Design Was Most Recently Used			
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):			(\$000)
(a) Production of Plans and Specifications.....			1,000
(b) All Other Design Costs.....			1,000

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
White Sands Missile Range, New Mexico		
4. PROJECT TITLE	5. PROJECT NUMBER	
National Range Control Center - Ph II	45468	
12. SUPPLEMENTAL DATA: (Continued)		
A. Estimated Design Data: (Continued)		
(c) Total Design Cost.....	2,000	
(d) Contract.....	1,300	
(e) In-house.....	700	
(4) Construction Start.....	DEC 1997	
	month & year	
B. Equipment associated with this project which will be provided from other appropriations:		
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>
		<u>Cost</u> <u>(\$000)</u>
IDS Equipment	OPA	1998 53
Info Sys - ISC	OPA	1998 1,208
Info Sys - PROP	OPA	1998 230
	TOTAL	1,491

Installation Engineer: Samuel Sanchez
Phone Number: 505 678-1125

DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
South Carolina		Charleston Naval Weapons Sta (AMC)				89
	43564	Army Strategic Maintenance Complex Ph III	7,700	7,700	N	91
		Subtotal Charleston Naval Weapons Sta PART I	\$ 7,700	7,700		
		* TOTAL MCA FOR South Carolina	\$ 7,700	7,700		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Charleston Naval Weapons Sta South Carolina	4. COMMAND US Army Materiel Command		5. AREA CONSTRUCTION COST INDEX 0.90	

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 30 SEP 1996	0	0	0	0	0	0	0	0	0	0
B. END FY 2003	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	47,700
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	7,700
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	35,300
H. GRAND TOTAL.....	90,700

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:				COST (\$000)	DESIGN STATUS	
CATEGORY	PROJECT				START	COMPLETE
CODE	NUMBER	PROJECT TITLE				
851	43564	Army Strategic Maintenance Complex Ph III		7,700	02/1996	09/1997
TOTAL				7,700		

9. FUTURE PROJECTS:			COST (\$000)
CATEGORY		PROJECT TITLE	
CODE			
A. REQUESTED IN THE FY 1999 PROGRAM: NONE			
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE			

10. MISSION OR MAJOR FUNCTIONS:

The Army mission is to download Army Prepositioned Fleet ships, perform maintenance on equipment, preserve and package materiel, verify accountability, and load equipment aboard ships. The U.S. Army will occupy a portion of the facilities at the Naval Weapons Station Charleston to perform this mission.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
INSTALLATION AND LOCATION: Charleston Naval Weapons Sta South Carolina		
REMARKS : Real Property Maintenance cost data is not maintained by the Army for this installation.		

1.COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 31 JAN 1997	
3.INSTALLATION AND LOCATION Charleston Naval Weapons Sta South Carolina			4.PROJECT TITLE Army Strategic Maintenance Complex Ph III			
5.PROGRAM ELEMENT 72896A		6.CATEGORY CODE 851	7.PROJECT NUMBER 43564	8.PROJECT COST (\$000) Auth 7,700 Approp 7,700		
9.COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					6,208	
Hardstand		m2	134,951	36.48	(4,923)	
Roadway		m2	3,763	36.48	(137)	
Building		m2	963.40	1,152	(1,110)	
Building Information Systems		LS	--	--	(38)	
<u>SUPPORTING FACILITIES</u>					429	
Electric Service		LS	--	--	(58)	
Water, Sewer, Gas		LS	--	--	(14)	
Paving, Walks, Curbs And Gutters		LS	--	--	(96)	
Storm Drainage		LS	--	--	(29)	
Site Imp(90) Demo(134)		LS	--	--	(224)	
Information Systems		LS	--	--	(8)	
ESTIMATED CONTRACT COST					6,637	
CONTINGENCY PERCENT (10.0%)					664	
SUBTOTAL					7,301	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					438	
TOTAL REQUEST					7,739	
TOTAL REQUEST (ROUNDED)					7,700	
INSTALLED EQT-OTHER APPROPRIATIONS					()	
10.Description of Proposed Construction Construct a road crossing of a five-lane highway (South Carolina State Route 29) and construct hardstand holding and staging areas at Wharf Alpha and the maintenance complex. Demolish a portion of a building within the new road footprint and and replace with construction and relocate associated utilities. Supporting facilities include paving, walks, curbs and gutters; storm drainage; and site improvements. Access for the handicapped will be provided.						
11. REQ: 140,110 m2 ADQT: NONE SUBSTD: 140,110 m2						
PROJECT: Construct a road crossing and hardstand. (New Mission)						
REQUIREMENT: This project is required to provide safe, non-conflicting traffic flow of convoyed Army wheeled combat vehicles across the main ingress/egress route (State Route 29) into the Naval Weapons Station, Charleston, and to provide the balance of the needed hardstand holding and staging areas to accommodate the total number of wheeled and tracked vehicles contained on one preposition ship. It also facilitates efficient operations to support the maintenance of the Army's Afloat Prepositioned Equipment (combat, combat support and combat service support (CS/CSS)) and supplies. This supports one of the three critical missions of the Army's Strategic Mobility						

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Charleston Naval Weapons Sta, South Carolina		
4. PROJECT TITLE Army Strategic Maintenance Complex Ph III		5. PROJECT NUMBER 43564
<p><u>REQUIREMENT: (CONTINUED)</u></p> <p>Program (ASMP), which is a result of the Congressionally mandated Mobility Requirements Study (MRS). The ASMP program is divided into three different areas, one of which is War Reserve ARMS Afloat (AWR-3) at Charleston, which will support the afloat prepositioned equipment. In order to assure the high degree of readiness required for a fast response contingency force, the prepositioned equipment must undergo inspection and maintenance every 30 months. The Charleston facility will provide the facilities to perform this maintenance.</p> <p><u>CURRENT SITUATION:</u> This is a major mission change as a result of the MRS and the National Military Strategy. Originally, the Army Afloat Prepositioning Material (APM) consists of four ammunition ships. The program is being expanded to 17 ships, including ships loaded with equipment and supplies for one heavy brigade. This supports the Army's power projection strategy which is a result of changing from a forward deployed force to a continental United States (CONUS) based force. The proposed convoy route follows an existing missile haul route that crosses Red Bank Road, State Route 29, the main ingress/egress route into the Naval Weapons Station (WPNSTA), Charleston. Missile crossings of this route have been on a limited basis in the past, and did not pose a major conflict with WPNSTA traffic. However, the 20 vehicle Army convoys could number three to five per eight-hour shift, causing potential traffic conflicts with privately-owned vehicles and safety problems. There is an existing shortfall of hardstand holding and staging area necessary to accommodate all of the vehicles and equipment contained in a single preposition ship.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Army vehicle convoys will have to cross a heavily traveled five-lane (two traffic lanes each direction and one left turn lane) public roadway intersection, an operation that does not have the Naval Weapons Station's approval. This traffic conflict will back up traffic to North Rhett Avenue, another four-lane public thoroughfare, increasing the traffic congestion and potential safety hazards to other Army personnel and vehicles, and to the public and privately-owned vehicles. Staging of Army tracked and wheeled vehicles will have to occur in open grassed areas and gravel surfaced holding/staging areas adjacent to the Wharf Alpha staging area, at the maintenance complex and along the shoulders of the adjoining roadways. Because of the lack of a controlled environment, there will be a greater potential for environmental impacts from fuel and oil leaks onto the ground. In addition, this environment will compromise the equipment security, accountability, and documentation required for the type of equipment involved.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions</p>		

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
	NUMBER	PROJECT TITLE				
Texas		Fort Sam Houston (FORSCOM)				97
	47241	Whole Barracks Complex Renewal	16,000	16,000	N	99
		Subtotal Fort Sam Houston PART I	\$ 16,000	16,000		
		* TOTAL MCA FOR Texas	\$ 16,000	16,000		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Sam Houston Texas	4. COMMAND US Army Forces Command		5. AREA CONSTRUCTION COST INDEX 0.87	

6. PERSONNEL STRENGTH:										
PERMANENT			STUDENTS			SUPPORTED				
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	1365	2542	4249	914	3345	72	132	244	2663	15,526
B. END FY 2003	1482	2756	3924	756	3477	60	132	228	2667	15,482

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	516 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	236,506
C. AUTHORIZATION NOT YET IN INVENTORY.....	268,466
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	16,000
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	24,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	22,600
H. GRAND TOTAL.....	567,572

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:			
CATEGORY PROJECT		COST	DESIGN STATUS
CODE NUMBER PROJECT TITLE		(\$000)	START COMPLETE
721 47241 Whole Barracks Complex Renewal		16,000	01/1996 09/1997
TOTAL		16,000	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE PROJECT TITLE		(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
721 Whole Barracks Complex Renewal		24,000
TOTAL		24,000
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

Command and control Fort Sam Houston, its sub-installations and assigned or attached FORSCOM units or activities; provide support to activities within its geographical support area. Major activities on Fort Sam Houston include: HQ, Fifth U.S. Army; HQ, Health Services Command; AMEDD Center and School; Brooke Army Medical Center; and HQ 5th Recruiting Brigade. Camp Bullis sub- installation, in addition to its function as a reserve component training site, serves as a range and maneuver training area for active component AMEDD Center and School, Fort Sam Houston; 3287th Technical Squadron, Lackland AFB; and numerous units from Fort Hood.

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997								
<p>INSTALLATION AND LOCATION: Fort Sam Houston Texas</p>										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$222,559 K, based on the Installation Status Report information on conditions as of October 1996.</p>										
Empty section for additional remarks										

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Sam Houston Texas				4. PROJECT TITLE Whole Barracks Complex Renewal		
5. PROGRAM ELEMENT 87796A		6. CATEGORY CODE 721	7. PROJECT NUMBER 47241		8. PROJECT COST (\$000) Auth 16,000 Approp 16,000	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						11,664
Barracks			m2	7,599	1,229	(9,341)
Soldier Community Building			m2	1,452	1,229	(1,785)
Special Foundation			LS	--	--	(166)
Building Information Systems			LS	--	--	(372)
<u>SUPPORTING FACILITIES</u>						2,525
Electric Service			LS	--	--	(393)
Water, Sewer, Gas			LS	--	--	(351)
Paving, Walks, Curbs And Gutters			LS	--	--	(796)
Storm Drainage			LS	--	--	(135)
Site Imp(243) Demo(408)			LS	--	--	(651)
Information Systems			LS	--	--	(199)
ESTIMATED CONTRACT COST						14,189
CONTINGENCY PERCENT (5.00%)						709
SUBTOTAL						14,898
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						894
TOTAL REQUEST						15,792
TOTAL REQUEST (ROUNDED)						16,000
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10. Description of Proposed Construction Construct a standard-design barracks and a soldier community building. Project includes living/sleeping rooms, semi-private baths, walk-in closets, and storage. Special foundation work is required. Supporting facilities include utilities; electric service; security lighting; fire protection and alarm systems; access roads; paving, walks, curbs and gutters; pavilion, recreation and picnic areas; parking; storm drainage; information systems; and site improvements. Central air handling system will be provided for the soldier community building. Individual room control for heating and air conditioning will be provided for the barracks. Chilled and hot water will be provided from building systems. Demolish one building (3,991 SM) with hazardous materials (HAZMAT) abatement prior to demolition.						
11. REQ: 3,834 PN ADQT: 300 PN SUBSTD: 3,534 PN PROJECT: Construct a standard-design barracks and a soldier community building (300 person capacity) to meet the Whole Barracks Standard Program. (Current Mission) REQUIREMENT: This project is required to recover all diverted unaccompanied personnel housing space. Maximum utilization 288 personnel (PN) (E-4 and below). Design capacity: 238 PN. Grade mix: 188 PN (E-4 and below); 50 PN (E-5						

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Fort Sam Houston, Texas		
4. PROJECT TITLE		5. PROJECT NUMBER
Whole Barracks Complex Renewal		47241
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>and above).</p> <p><u>CURRENT SITUATION:</u> The existing barracks are not in accordance with the current Army standards that provide the soldier with a modern living environment.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the soldiers will continue to live in inadequate conditions. The morale of the soldiers will continue to suffer and the retention of the trained soldier will take a downward trend.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project. Parametric estimates were used to develop project costs. During the past two years, \$5.4 million has been spent on RPM for unaccompanied enlisted personnel housing at Fort Sam Houston. Upon completion of this project, the remaining permanent party requirement is 3,246 spaces at this installation.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		JAN 1997
(b) Parametric Cost Estimating Used to Develop Costs.....		YES
(c) Percent Complete As Of January 1997.....		5
(d) Date 35% Designed.....		JUN 1997
(e) Date Design Complete.....		DEC 1997
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) Y		
(b) Where Design Was Most Recently Used		
USACE		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):		(\$000)
(a) Production of Plans and Specifications.....		930
(b) All Other Design Costs.....		350
(c) Total Design Cost.....		1,280
(d) Contract.....		1,120
(e) In-house.....		160
(4) Construction Start.....		JUN 1998
		month & year

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Sam Houston, Texas		
4. PROJECT TITLE Whole Barracks Complex Renewal		5. PROJECT NUMBER 47241
12. <u>SUPPLEMENTAL DATA:</u> (CONTINUED) B. Equipment associated with this project which will be provided from other appropriations:		
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Cost</u> <u>Or Requested</u> <u>(\$000)</u>
<p style="text-align: center;">NONE</p>		
<p style="text-align: right;">Installation Engineer: LTC Phillip Smith Phone Number: 210-221-3009</p>		

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Virginia		Fort A P Hill (MDW)				105
	36250	Central Vehicle Wash Facility	5,400	5,400	C	107
		Subtotal Fort A P Hill PART I	\$ 5,400	5,400		
		Charlottesville (TRADOC)				111
	49027	National Ground Intelligence Ctr Design	3,100	3,100	N	113
		Subtotal Charlottesville PART I	\$ 3,100	3,100		
		Fort Myer (MDW)				115
	45522	Whole Barracks Complex Renewal	8,200	8,200	C	117
		Subtotal Fort Myer PART I	\$ 8,200	8,200		
		* TOTAL MCA FOR Virginia	\$ 16,700	16,700		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort A P Hill Virginia	4. COMMAND US Military District of Washington		5. AREA CONSTRUCTION COST INDEX 0.90	

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	5	51	213	0	0	0	15	67	0	351
B. END FY 2003	4	41	202	0	0	0	7	26	0	280

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	30,778 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	51,999
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	5,400
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	12,825
H. GRAND TOTAL.....	70,224

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:				
CATEGORY	PROJECT		COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
214	36250	Central Vehicle Wash Facility	5,400	08/1993 08/1997
TOTAL			5,400	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
To direct activities and command units assigned to Fort A P Hill (semi-active installation); to provide administrative support, logistical support, and maneuver and training areas for reserve components, various temporarily assigned units of the active army, other military services.	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
<div style="display: flex; justify-content: space-between;"> INSTALLATION AND LOCATION: Fort A P Hill Virginia </div>		
<p>REMARKS :</p> <p>The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$34,209 K, based on the Installation Status Report information on conditions as of October 1996.</p>		

1.COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 31 JAN 1997		
3.INSTALLATION AND LOCATION Fort A P Hill Virginia				4.PROJECT TITLE Central Vehicle Wash Facility			
5.PROGRAM ELEMENT 22696A		6.CATEGORY CODE 214	7.PROJECT NUMBER 36250		8.PROJECT COST (\$000) Auth 5,400 Approp 5,400		
9.COST ESTIMATES							
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>						2,615	
Vehicle Wash Facility			LS	--	--	(2,611)	
Building Information Systems			LS	--	--	(4)	
<u>SUPPORTING FACILITIES</u>						2,244	
Electric Service			LS	--	--	(876)	
Water, Sewer, Gas			LS	--	--	(122)	
Paving, Walks, Curbs And Gutters			LS	--	--	(478)	
Storm Drainage			LS	--	--	(14)	
Site Imp(711) Demo(6)			LS	--	--	(717)	
Information Systems			LS	--	--	(37)	
ESTIMATED CONTRACT COST						4,859	
CONTINGENCY PERCENT (5.00%)						243	
SUBTOTAL						5,102	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						306	
TOTAL REQUEST						5,408	
TOTAL REQUEST (ROUNDED)						5,400	
INSTALLED EQT-OTHER APPROPRIATIONS						()	
10.Description of Proposed Construction Construct a central vehicle wash facility for unit wheeled and tracked vehicles and a vehicle maintenance wash station. The central vehicle wash facility will consist of a control building, eight wash stations, one two-vehicle bath, hardstand, pumping and piping to clarify and recirculate wash water, primary and secondary settling basins, finished water storage basin, and pump station. Supporting facilities include extension of electric, water and sewer lines; area lighting; fencing with gates; storm drainage; staging area; paving, walks, curbs and gutters; tank trail; information systems; and site improvements. Construct a vehicle maintenance wash station with an upgraded oil/water separator and a covered wash pad. Supporting facilities include a sewer force main that connects the wash station to the existing Wilcox Sewage Treatment Plant system. Demolish 11 existing wash stations, piping, oil/water separators, and sedimentation tanks. Restore the areas to preclude soil erosion.							
11. REQ:		1 EA ADQT:		NONE		SUBSTD: 11 EA	
PROJECT: Construct a central vehicle wash facility and a vehicle maintenance wash station. (Current Mission)							

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort A P Hill, Virginia		
4. PROJECT TITLE Central Vehicle Wash Facility		5. PROJECT NUMBER 36250
<p><u>REQUIREMENT:</u> This project is required to replace 11 existing vehicle wash stations, that, when used, have repeatedly violated the Clean Water Act, the Chesapeake Bay Preservation Act, Environmental Protection Agency Regulations and Commonwealth of Virginia Department of Environmental Quality Regulations. The current facilities are used by Active and Reserve Component units of all services during their periodic or annual training. There are no alternative facilities either on or off the installation that are adequate or available, which could be used to satisfy the requirement. This project has been identified as a Class 1 requirement.</p> <p><u>CURRENT SITUATION:</u> Vehicle washing activities by units training at Fort AP Hill are accomplished at unattended wash stations scattered throughout the maneuver areas. Four of the 11 vehicle wash facilities on the installation are currently operational. Seven wash facilities have been shut down due to improper design or construction and the very high potential for violation of state and federal laws and regulations, if operated. Three of the four operational vehicle wash stations consist of a concrete wash pad with curbs and gutters, an oil/water separator and a settling chamber. Each station is located adjacent to state regulated waters. Water is extracted from the stream or pond by a gasoline powered pump. The pump must be operated at half throttle to preclude exceeding the capacity of the oil/water separator. Operating the pump at half throttle produces low pressure water jets which are incapable of dislodging packed mud and dirt. The inability of the settling chamber to remove all suspended particles decreases the capacity of the oil/water separator and increases the potential for discharge of petroleum products into state waters. The one washrack located at the maintenance facility discharges into a septic tank and drainfield system which does not have a permit.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, a Virginia Pollution Discharge Elimination System (VPDES) permit will be required. The permit will specify discharge requirements. Based on the quality of the effluent, the currently operational washracks cannot meet the permit requirements. This will result in Notices of Violation issued by the Commonwealth of Virginia Department of Environmental Quality. Excessive fines and clean-up costs will result in permanent closure of the wash stations. Closure will mandate a curtailment in training and an adverse impact on the readiness of units training at Fort AP Hill.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project.</p>		

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort A P Hill, Virginia		
4. PROJECT TITLE Central Vehicle Wash Facility		5. PROJECT NUMBER 36250

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	AUG 1993
(b) Parametric Cost Estimating Used to Develop Costs	NO
(c) Percent Complete As Of January 1997.....	50
(d) Date 35% Designed.....	OCT 1994
(e) Date Design Complete.....	AUG 1997

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y	
(b) Where Design Was Most Recently Used	
Fort Pickett	

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	205
(b) All Other Design Costs.....	245
(c) Total Design Cost.....	450
(d) Contract.....	341
(e) In-house.....	109

(4) Construction Start..... MAR 1998
month & year

Installation Engineer: Ken Comfort

Phone Number: 804 - 633-8215

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Charlottesville Virginia	4. COMMAND US Army Training and Doctrine Command		5. AREA CONSTRUCTION COST INDEX 0.92	

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 30 SEP 1996	680	2242	2290	979	3536	424	59	104	2454	12,768
B. END FY 2003	619	2493	1868	979	3212	362	38	103	2467	12,141

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	0
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	46,200
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	46,200

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:				
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS START COMPLETE
	CODE NUMBER			
	141 49027	National Ground Intelligence Ctr Design	0	08/1995 10/1998
TOTAL			0	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
	CODE	
A. REQUESTED IN THE FY 1999 PROGRAM:		
	141	National Ground Intelligence Center Fac
		46,200
TOTAL		46,200
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS: Provides support facilities to house National Ground Intelligence Center (NGIC) employees and customers.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
(\$000)	
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
<div style="display: flex; justify-content: space-between;"> INSTALLATION AND LOCATION: Charlottesville Virginia </div>		
<p>REMARKS :</p> <p>The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$157,504 K, based on the Installation Status Report information on conditions as of October 1996.</p>		

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Charlottesville Virginia				4. PROJECT TITLE National Ground Intelligence Ctr Design		
5. PROGRAM ELEMENT 31302A		6. CATEGORY CODE 141	7. PROJECT NUMBER 49027		8. PROJECT COST (\$000) Auth 3,100 Approp 3,100	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Planning and Design			LS	--	--	3,100 (3,100)
<u>SUPPORTING FACILITIES</u> 						
ESTIMATED CONTRACT COST CONTINGENCY PERCENT (.000%) SUBTOTAL SUPERVISION, INSPECTION & OVERHEAD (.000%) TOTAL REQUEST TOTAL REQUEST (ROUNDED) INSTALLED EQT-OTHER APPROPRIATIONS						3,100 <hr/> 3,100 <hr/> 3,100 3,100 (0)
10. Description of Proposed Construction This item provides for design of the \$46,200,000, FY 1999 National Ground Intelligence Center (NGIC) at Fort Lee, Virginia.						
11. REQ: NONE ADQT: NONE SUBSTD: NONE PROJECT: Planning and design funds. REQUIREMENT: This funding is required to provide design and engineering services for the FY 1999 NGIC Facility Project Number 48090.						

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Myer Virginia	4. COMMAND US Army Military District of Washington		5. AREA CONSTRUCTION COST INDEX 1.03	

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	100	1734	168	0	0	0	64	876	659	3,601
B. END FY 2003	97	1674	168	0	0	0	64	876	659	3,538

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	104 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	49,265
C. AUTHORIZATION NOT YET IN INVENTORY.....	7,300
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	8,200
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	19,193
H. GRAND TOTAL.....	83,958

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:				COST	DESIGN STATUS	
CATEGORY PROJECT				(\$000)	START	COMPLETE
CODE	NUMBER	PROJECT TITLE				
721	45522	Whole Barracks Complex Renewal		8,200	06/1997	07/1998
TOTAL				8,200		

9. FUTURE PROJECTS:			COST
CATEGORY			
CODE	PROJECT TITLE		(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM: NONE			
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE			

10. MISSION OR MAJOR FUNCTIONS:

Fort Myer serves as a troop/ceremonial post in support of missions assigned to the U.S. Army Military District of Washington. Fort Myer provides troop housing for the 3rd Inf Regt (The Old Guard), the U.S. Army Band (Pershing's Own), and authorized members of all services within the National Capital Region. Fort Myer provides housing for the Chairman, Joint Chiefs of Staff, the Chief of Staff, Army and the Chief of Staff, Air Force. Fort Myer, the Old Guard and the Army Band are responsible for supporting Arlington National Cemetery and numerous military ceremonies and public events throughout the Nation's Capital. Fort Myer provides base operations (BASOPS) support to the Pentagon, the White House and other authorized claimants throughout the National Capital Region. The 3rd Inf Regt supports contingency missions throughout the National Capital Region.

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997								
<div style="display: flex; justify-content: space-between;"> INSTALLATION AND LOCATION: Fort Myer Virginia </div>										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: right;">(\$000)</th> </tr> </thead> <tbody> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </tbody> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$67,616 K, based on the Installation Status Report information on conditions as of October 1996.</p>										

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Myer Virginia				4. PROJECT TITLE Whole Barracks Complex Renewal		
5. PROGRAM ELEMENT 22896A		6. CATEGORY CODE 721	7. PROJECT NUMBER 45522		8. PROJECT COST (\$000) Auth 8,200 Approp 8,200	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						6,887
Barracks Building			m2	3,866	800.19	(3,093)
Attic space			m2	1,782	863.37	(1,539)
Basement space			m2	2,010	842.38	(1,693)
Asbestos/Lead Paint Removal			LS	--	--	(271)
Seismic Upgrades			LS	--	--	(66)
Total from Continuation page						(225)
<u>SUPPORTING FACILITIES</u>						158
Site Imp(158) Demo()			LS	--	--	(158)
 ESTIMATED CONTRACT COST						7,045
CONTINGENCY PERCENT (10.0%)						705
SUBTOTAL						7,750
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						465
TOTAL REQUEST						8,215
TOTAL REQUEST (ROUNDED)						8,200
INSTALLED EQT-OTHER APPROPRIATIONS						()
10. Description of Proposed Construction Modernize and convert all floors of a historic building to provide unaccompanied enlisted personnel housing. Barracks include living/sleeping rooms, semi-private baths, walk-in closets, storage, arms room, and company operations. Project includes removal of interior non-load bearing partitions; electric, water, sewage, and heating, ventilation and air conditioning distribution systems. Work also includes installing utility distribution systems; basement renovation; attic upgrade to provide an area for special training and storage of ceremonial uniforms in support of the unit's ceremonial mission; cable television and information systems; heat and smoke detection systems; exterior windows and doors repaired/replaced; and removal and disposal of lead paint and asbestos. Interior and exterior historical features will be retained. Install an intrusion detection system (IDS) in the arms room. Supporting facilities include embankment modifications to improve drainage, walk improvements, and site improvements. Air conditioning: 142 tons. Seismic upgrades will be required.						
11. REQ: 797 PN ADQT: 457 PN SUBSTD: 340 PN						
PROJECT: Modernize and convert a historic building to provide housing for unaccompanied enlisted personnel to meet current Army barracks standards.						

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Fort Myer, Virginia		
4. PROJECT TITLE		5. PROJECT NUMBER
Whole Barracks Complex Renewal		45522
9. <u>COST ESTIMATES (CONTINUED)</u>		
<u>Item</u>	<u>U/M</u>	<u>QTY</u>
		<u>Unit</u> <u>COST</u>
		<u>Cost</u> <u>(\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>		
IDS Installation	LS	--
Building Information Systems	LS	--
		(4)
		(221)
	Total	225
<u>PROJECT: (CONTINUED)</u>		
<u>(Current Mission)</u>		
<u>REQUIREMENT:</u> This project is required to provide the current Army standards for housing 112 unaccompanied enlisted personnel (intended and maximum utilization) of Company B & D, and the 3rd Infantry Regiment "The Old Guard" (TOG). It is also required to provide for the administrative and table of organization and equipment (TOE) mission storage of the unit. In addition, the project is required to provide space for the special training and the ceremonial uniform storage supporting the unit's ceremonial mission.		
<u>CURRENT SITUATION:</u> This barracks building is currently sited in the historic district on Fort Myer. The building is a historic Category II building constructed in 1903. It consists of two floors, a habitable basement and an uninhabitable attic. The building is of masonry construction on a masonry foundation. The existing interior utility distribution systems are outdated, inefficient and do not comply with current codes. Gang latrines and showers exist on each floor. The housing area consists of separate rooms housing two to three soldiers each and does not comply with the current Army standards of 110 SF plus a 20 SF closet for each soldier. This unit has a ceremonial mission requiring an extensive wardrobe of ceremonial uniforms. The storage of these ceremonial uniforms further impinges upon the already inadequate living space provided each soldier. Soldiers residing off-post must maintain their ceremonial uniforms in wardrobes located in the hallways, which creates a security risk and a life safety risk.		
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the soldiers of Company B & D, and 3rd Infantry Regiment will continue to reside in substandard conditions, with the resulting adverse impact on troop morale and retention. Equally important, the inability to properly store and maintain ceremonial uniforms creates a potential for flawed ceremonies before national, state and foreign dignitaries. The interior electrical distribution system will continue to be overloaded due to increased demands of our modern technological age. The heating, ventilation, and air conditioning systems are inadequate for the demand required of them.		
<u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January		

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
Washington		Fort Lewis (FORSCOM)				123
	44798	Tank Trail Erosion Mitigation - Yakima	2,000	2,000	C	125
	46748	Whole Barracks Complex Renewal	31,000	31,000	C	128
		Subtotal Fort Lewis PART I	\$ 33,000	33,000		
		* TOTAL MCA FOR Washington	\$ 33,000	33,000		
		** TOTAL INSIDE THE UNITED STATES FOR MCA	\$ 323,200	363,200		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Lewis Washington	4. COMMAND US Army Forces Command		5. AREA CONSTRUCTION COST INDEX 1.08	

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	2498	15654	3397	16	227	0	61	177	2297	24,327
B. END FY 2003	2428	15312	2903	11	230	0	58	171	2308	23,421

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	14,113 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	610,804
C. AUTHORIZATION NOT YET IN INVENTORY.....	211,042
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	33,000
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	23,400
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	226,108
H. GRAND TOTAL.....	1,104,354

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:				
CATEGORY PROJECT			COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
851	44798	Tank Trail Erosion Mitigation-Yakima	2,000	04/1996 06/1997
721	46748	Whole Barracks Complex Renewal	31,000	03/1994 06/1997
TOTAL			33,000	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
411	Consolidated Fuel Facility	3,950
214	Central Vehicle Wash Facility	4,650
422	Ammunition Supply Point	5,500
171	Close Combat Tactical Trainer Building	7,300
851	Tank Trail Erosion Mitigation-Yakima	2,000
TOTAL		23,400

10. MISSION OR MAJOR FUNCTIONS:

Support and training of I Corps Headquarters and organizations assigned to I Corps, including a motorized brigade. Support Madigan Army Medical Center and Reserve Component annual training. Ensure the most efficient utilization of resources to operate Fort Lewis and accomplish all assigned missions. Conduct mobilization operations to meet wartime requirements. Conduct operations in support of civil authorities in domestic emergencies.

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997								
<div style="display: flex; justify-content: space-between;"> <div>INSTALLATION AND LOCATION: Fort Lewis</div> <div>Washington</div> </div>										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: right;">(\$000)</th> </tr> </thead> <tbody> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </tbody> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$622,010 K, based on the Installation Status Report information on conditions as of October 1996.</p>										

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Lewis Washington				4. PROJECT TITLE Tank Trail Erosion Mitigation - Yakima		
5. PROGRAM ELEMENT 22056A		6. CATEGORY CODE 851	7. PROJECT NUMBER 44798		8. PROJECT COST (\$000) Auth 2,000 Approp 2,000	
9. COST ESTIMATES						
ITEM				U/M	QUANTITY	UNIT COST
<u>PRIMARY FACILITY</u>						1,816
Secondary Road Upgrade				km	45.06	40,291 (1,816)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						1,816
CONTINGENCY PERCENT (5.00%)						91
SUBTOTAL						1,907
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						114
TOTAL REQUEST						2,021
TOTAL REQUEST (ROUNDED)						2,000
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10. Description of Proposed Construction Upgrade secondary roads to mitigate impacts to surface water quality, soil erosion, vegetation, and wildlife habitat. Work to include treating existing roads with crushed rock, providing stream crossing protection, and protection for sensitive and riparian areas.						
11. REQ: 483 km ADQT: 111 km SUBSTD: 372 km						
PROJECT: Upgrade existing dirt roads to crushed rock and improve drainage and stream crossings. This is the third of ten phases. (Current Mission)						
REQUIREMENT: This project is required to reduce erosion from training activities at Yakima Training Center for the stationing of mechanized or armored combat forces (heavy forces) at Fort Lewis, Washington. These units were moved as part of the overseas draw down and recently were stationed at Fort Lewis. This project was identified in the final environmental impact statement (EIS) and the record of decision (ROD). In addition, improved roads are expected to attract and hold more traffic than poorly maintained roads. This will result in less impact to vegetation and soils which directly impacts surface water quality and wildlife habitat.						

1. COMPONENT		2. DATE
ARMY FY 1998 MILITARY CONSTRUCTION PROJECT DATA		31 JAN 1997
3. INSTALLATION AND LOCATION		
Fort Lewis, Washington		
4. PROJECT TITLE		5. PROJECT NUMBER
Tank Trail Erosion Mitigation - Yakima		44798
<p><u>CURRENT SITUATION:</u> Under the current conditions at Yakima Training Center with the on-going schedule of training with heavy and wheeled vehicles, soil erosion associated with the use of the road network has been identified as the major source of erosion which impacts surface water quality. Roads that have been treated with crushed gravel, ford crossings and drainage structures have significantly reduced soil erosion and dusty conditions.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the stationing of heavy forces at Fort Lewis will not meet the environmental mitigation requirements of the Record of Decision. Tracked and wheeled vehicles will continue to pulverize the existing dirt roads into powder dust, approximately 6 to 18 inches deep. This loose, powder dust allows the roads to erode during snow melt or flash flooding which reduces stream water quality. Or, when the dust or ruts get too bad, vehicles will be driven adjacent to the existing roads which expands the erosion area and reduces vegetation and wildlife habitats.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project. Parametric estimates have been used to develop project costs.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	APR 1996	
(b) Parametric Cost Estimating Used to Develop Costs	YES	
(c) Percent Complete As Of January 1997.....	40	
(d) Date 35% Designed.....	DEC 1996	
(e) Date Design Complete.....	JUN 1997	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO)		
(b) Where Design Was Most Recently Used		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....	100	
(b) All Other Design Costs.....	50	
(c) Total Design Cost.....	150	
(d) Contract.....	130	

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
ARMY			31 JAN 1997
3. INSTALLATION AND LOCATION			
Fort Lewis, Washington			
4. PROJECT TITLE		5. PROJECT NUMBER	
Tank Trail Erosion Mitigation - Yakima		44798	
12. SUPPLEMENTAL DATA: (Continued)			
A. Estimated Design Data: (Continued)			
(e) In-house.....			20
(4) Construction Start.....			FEB 1998 month & year
<p>Installation Engineer: COL Arthur B. Gravatt Phone Number: 206 967-3191</p>			

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE	
ARMY				31 JAN 1997	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Fort Lewis Washington			Whole Barracks Complex Renewal		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
22696A	721	46748	Auth 31,000 Approp 31,000		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY					
Barracks	m2	8,846	1,356	21,335 (11,996)	
Soldier Community Building	m2	2,070	1,356	(2,807)	
Company Operations Building	m2	3,435	1,233	(4,235)	
Brigade Command & Control Bldg	m2	1,097	1,534	(1,682)	
IDS Installation	LS	--	--	(31)	
Building Information Systems	LS	--	--	(584)	
SUPPORTING FACILITIES					
Electric Service	LS	--	--	6,150 (725)	
Water, Sewer, Gas	LS	--	--	(329)	
Paving, Walks, Curbs And Gutters	LS	--	--	(828)	
Storm Drainage	LS	--	--	(388)	
Site Imp(1,622) Demo(1,660)	LS	--	--	(3,282)	
Information Systems	LS	--	--	(598)	
ESTIMATED CONTRACT COST				27,485	
CONTINGENCY PERCENT (5.00%)				1,374	
SUBTOTAL				28,859	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				1,732	
TOTAL REQUEST				30,591	
TOTAL REQUEST (ROUNDED)				31,000	
INSTALLED EQT-OTHER APPROPRIATIONS				(1,169)	
10. Description of Proposed Construction Construct a standard-design whole barracks renewal complex for North Fort Lewis. Project includes two medium and two large separate company operations facilities (COF), arms room, and brigade command and control. Barracks includes living/sleeping rooms, semi-private baths, walk-in closets, dayroom, storage, and laundry. Install an intrusion detection system (IDS) in companies and brigade. Supporting facilities include utilities; electric service; security and street lighting; fire protection and alarm systems; paving, walks, curbs and gutters; storm and sanitary sewers; information systems; and site improvements. Access for the handicapped will be provided in brigade command and control. Heating will be provided by dual fuel (gas/oil-fired) self-contained systems. Mechanical ventilation: 400,000 CFM. Provide comprehensive building and furnishings related interior design services. Demolish 127 buildings (38,558 SM) of temporary structures.					
11. REQ: 5,204 PN ADQT: 1,989 PN SUBSTD: 3,215 PN					
PROJECT: Construct a standard-design barracks complex to meet the Whole Barracks Renewal Program Standard. (Current Mission)					

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Lewis, Washington		
4. PROJECT TITLE Whole Barracks Complex Renewal		5. PROJECT NUMBER 46748
<p><u>REQUIREMENT:</u> This project is required to replace the living and administrative facilities. This project will provide housing for approximately 225 enlisted personnel (150 E1-E4, 75 E5-E6). Maximum utilization is 300 enlisted personnel. Company operations facilities and brigade command and control facilities are needed to provide company and brigade level operations.</p> <p><u>CURRENT SITUATION:</u> Currently, troop housing and administrative facilities are in inadequate, substandard buildings. These facilities which are in marginal condition and have exceeded their economic lives. Construction of permanent facilities will significantly increase the quality of life for soldiers and will eliminate high operation, painting, and repair costs in the current facilities.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, these units will live and work in inadequate, substandard buildings. Repair costs will continue to accelerate for these facilities, or conversely, condition of buildings will deteriorate. Quality-of-life, morale, and readiness will be increasingly impacted as facilities continue to age.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project. During the past two years, \$2.0 million has been spent on RPM for unaccompanied enlisted personnel housing at Fort Lewis. Upon completion of this project, the remaining permanent party requirement is 2,915 spaces at this installation.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	MAR 1994	
(b) Parametric Cost Estimating Used to Develop Costs	NO	
(c) Percent Complete As Of January 1997.....	85	
(d) Date 35% Designed.....	AUG 1994	
(e) Date Design Complete.....	JUN 1997	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) Y		
(b) Where Design Was Most Recently Used	Fort Lewis	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....	976	
(b) All Other Design Costs.....	572	
(c) Total Design Cost.....	1,548	

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Fort Lewis, Washington		
4. PROJECT TITLE		5. PROJECT NUMBER
Whole Barracks Complex Renewal		46748
12. <u>SUPPLEMENTAL DATA:</u> (Continued)		
A. Estimated Design Data: (Continued)		
(d) Contract.....		1,084
(e) In-house.....		464
(4) Construction Start.....		APR 1998
		month & year
B. Equipment associated with this project which will be provided from other appropriations:		
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	Fiscal Year Appropriated Cost <u>Or Requested</u> (\$000)
IDS Equipment	OPA	1999 29
Info Sys - ISC	OPA	1998 1,140
	TOTAL	1,169
Installation Engineer: COL Arthur B. Gravatt Phone Number: 206 967-3191		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
	NUMBER	PROJECT TITLE				
Germany		Germany Various (USAREUR)				133
		Mannheim				
		Ansbach				
	47300	Whole Barracks Complex Renewal	22,000	22,000	N	135
		Heidelberg				
	47941	Whole Barracks Complex Renewal	8,800	8,800	N	138
		Kaiserslautern				
	47282	Whole Barracks Complex Renewal	6,000	6,000	N	142
		Mannheim				
	44954	Whole Barracks Complex Renewal	6,200	6,200	C	146
		Subtotal Germany Various PART I	\$ 43,000	43,000		
		* TOTAL MCA FOR Germany	\$ 43,000	43,000		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Germany Various Germany	4. COMMAND US Army Europe and Seventh Army		5. AREA CONSTRUCTION COST INDEX 1.78

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED								
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	
A. AS OF 30 SEP 1996	0	0	0	0	0	0	0	0	0	0	0
B. END FY 2003	0	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	409,434
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	43,000
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	4,850
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	1,459,931
H. GRAND TOTAL.....	1,917,215

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:						
CATEGORY	PROJECT		COST	DESIGN STATUS		
CODE	NUMBER	PROJECT TITLE	(\$000)	START	COMPLETE	
721	44954	Whole Barracks Complex Renewal	6,200	01/1994	10/1997	
721	47300	Whole Barracks Complex Renewal	22,000	03/1997	02/1998	
721	47282	Whole Barracks Complex Renewal	6,000	03/1997	01/1998	
721	47941	Whole Barracks Complex Renewal	8,800	01/1996	11/1997	
TOTAL			43,000			

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
740	Child Development Center	4,850
TOTAL		4,850
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
Support of US Army, Europe and Seventh Army.

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
INSTALLATION AND LOCATION: Germany Various Germany		
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <div style="text-align: right;">(\$000)</div> <div style="display: flex; justify-content: space-between;"> <div>A. AIR POLLUTION</div> <div>0</div> </div> <div style="display: flex; justify-content: space-between;"> <div>B. WATER POLLUTION</div> <div>0</div> </div> <div style="display: flex; justify-content: space-between;"> <div>C. OCCUPATIONAL SAFETY AND HEALTH</div> <div>0</div> </div>		
REMARKS :		

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Katterbach Kaserne Ansbach, Germany				4. PROJECT TITLE Whole Barracks Complex Renewal		
5. PROGRAM ELEMENT 22396A		6. CATEGORY CODE 721	7. PROJECT NUMBER 47300		8. PROJECT COST (\$000) Auth 22,000 Approp 22,000	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY						17,726
Modernize Barracks Building			m2	14,836	1,195	(17,726)
SUPPORTING FACILITIES						1,339
Electric Service			LS	--	--	(350)
Water, Sewer, Gas			LS	--	--	(360)
Paving, Walks, Curbs And Gutters			LS	--	--	(79)
Site Imp(255) Demo()			LS	--	--	(255)
Information Systems			LS	--	--	(295)
ESTIMATED CONTRACT COST						19,065
CONTINGENCY PERCENT (10.0%)						1,907
SUBTOTAL						20,972
SUPERVISION, INSPECTION & OVERHEAD (6.50%)						1,363
TOTAL REQUEST						22,335
TOTAL REQUEST (ROUNDED)						22,000
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10. Description of Proposed Construction Modernize barracks to current Army standards (1+1). Project includes modules consisting of two individual living/sleeping rooms with a semi-private bath and walk-in closets. The work also includes dayroom, sprinkled laundry room, personal storage areas kitchenettes, mudroom, company operations and supply to include arms rooms. Construction consists of a basement, three floors and an attic supported by a masonry shell and covered tiled roof truss system. Modernization addresses such structural/architectural components as roofing and its drainage; building shell weather protection; fenestration, exterior and interior egress/ingress; heating, ventilation and air conditioning (HVAC); ceilings, walls and floors; and stairways. Supporting facilities include utilities; electric service; fire protection and alarm systems, as well as auxiliary services such a television receivers; paving, walks, curbs and gutters; bicycle racks; parking; information systems; and site improvements.						
11. REQ: 764 PN ADQT: NONE SUBSTD: 764 PN						
PROJECT: Modernize an existing troop barracks to current Army standards. (Current Mission)						

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Katterbach Kaserne, Ansbach, Germany		
4. PROJECT TITLE	5. PROJECT NUMBER	
Whole Barracks Complex Renewal	47300	
<p><u>REQUIREMENT:</u> This project is urgently required to correct a building in substandard physical condition as well as provide housing for the single soldiers of Katterbach Kaserne at the new Department of Defense (DOD) standards for living space. The existing facility must be modernized to provide acceptable quality of life standards to soldiers. Headquarters, Headquarters Company 4th Brigade, 1st Infantry Unit is scheduled to occupy the building. Intended utilization is for 127 E1-E4 and 30 E5-E6. Maximum utilization is for 187 personnel.</p> <p><u>CURRENT SITUATION:</u> The existing barracks buildings at Katterbach Kaserne were constructed in 1938. The existing building is functional, but contains utility and service systems which are substandard and undersized and cannot handle the loads imposed on them by modern usage. The building itself has gutters and downspouts which are rusted, dented and distorted in grade and alignment. The stucco is cracked, stained and weathered. Exterior and interior doors are generally warped, difficult to open and close and paint won't hold. The plaster interior surfaces are cracked, spalling and water-logged in areas next to gang latrines. Paint covering is worn, cracked and peeling. Replacement ceramic wall tiles are not available so surfaces appear as an unmatched mosaic. Ceramic floor tile is in much the same condition and heavily worn. Stairway nosings are broken, treads are worn and uneven. Electrical service cannot handle the number of appliances and apparatuses which the modern soldier possesses. The existing gang latrines are undersized, crowded and do not provide adequate privacy for soldiers. Ventilation in common gang latrines is first-generation humidistat-action which is too small to adequately vent steam and moisture from the latrine and shower areas resulting in moisture rot and mold growth. The plumbing system is inadequately vented and known for emitting sewer gases into the latrines and adjacent hallways resulting in obnoxious odors which cannot be removed.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, single soldiers will continue to live in substandard facilities that contain unpleasant living conditions and do not meet the minimum DOD standards for privacy and quality of life. The existing condition of the building will continue to deteriorate requiring ever increased spending on minor maintenance and repair.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Parametric estimates have been used to develop project costs. This project is not eligible for NATO Infrastructure funding. During the past two years, \$259.9 thousand has been spent on RPM for unaccompanied enlisted personnel housing at Katterbach, FRG. Upon completion of this project, the remaining permanent</p>		

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Tompkins Barracks Heidelberg, Germany			4. PROJECT TITLE Whole Barracks Complex Renewal		
5. PROGRAM ELEMENT 22396A	6. CATEGORY CODE 721	7. PROJECT NUMBER 47941	8. PROJECT COST (\$000) Auth 3,800 Approp 8,800		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Modernize Barracks Building		LS	--	--	6,644 (6,644)
<u>SUPPORTING FACILITIES</u> Support Facilities		LS	--	--	891 (891)
ESTIMATED CONTRACT COST					7,535
CONTINGENCY PERCENT (10.0%)					754
SUBTOTAL					8,289
SUPERVISION, INSPECTION & OVERHEAD (6.50%)					539
TOTAL REQUEST					8,828
TOTAL REQUEST (ROUNDED)					8,800
INSTALLED EQT-OTHER APPROPRIATIONS					(0)
10. Description of Proposed Construction Modernize existing barracks. Work includes modules consisting of two individual living/sleeping rooms with a semi-private bathroom and walk-in closets. Project also includes dayroom, sprinkled laundry room, personal storage areas, kitchenettes, mud room, company operations office and supply storage rooms, to include arms room. Modernization addresses such structural/architectural components as roofing and its drainage; building shell weather protection; fenestration, exterior and interior egress/ingress; ceiling, walls and floors; and stairways. Also included are utility services; plumbing; heating and ventilating, electric as well as auxiliary services such as satellite and cable television central receiving system, telecommunication raceways, parking and bicycle racks.					
11. REQ: 371 PN ADQT: 101 PN SUBSTD: 251 PN					
PROJECT: Modernize an existing troop barracks with gang latrines to current standards. (Current Mission)					
REQUIREMENT: This project is urgently required to correct a building in substandard physical condition as well as provide housing for the soldiers of Tompkins Barracks with Department of Defense (DOD) Standard 1+1 living space. The existing facility must be modernized to provide acceptable quality of life					

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Tompkins Barracks, Heidelberg, Germany		
4. PROJECT TITLE Whole Barracks Complex Renewal		5. PROJECT NUMBER 47941
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>standards to soldiers. Unit scheduled to occupy the building is 1st PERSCOM. Proposed use is for 96 E1-E4 and 3 E5-E6. Maximum utilization is for 99 personnel.</p> <p><u>CURRENT SITUATION:</u> This building has a billet gross floor area of 41,904 SF. It was built in 1938. Construction consists of a basement, three floors and an attic supported by a robust masonry shell and covered tiled roof truss system. The last repair of any consequence was in 1982. The building is functional, but contains utility and service systems which are substandard and undersized, and cannot handle the loads imposed on them by modern usage. The building shell itself to include the roof covering are in a fairly good condition, with the exception of damages to natural sandstone window sills, roof cornice and building bases, as well as cracks in the stucco. The interior components of the building are in a poor physical condition due to the age and heavy usage. Exterior and interior doors are warped, difficult to open and close and paint won't hold. The interior plaster surfaces are cracked, spalling and water-logged in areas next to gang latrines. Paint covering is worn, cracked and peeling. Numerous light weight partition walls are damaged beyond repair. Replacement ceramic wall tiles are not available, so that surfaces appear as an unmatched mosaic. Ceramic floor tiles are in much the same condition and heavily worn. Stairway nosings are broken, treads are worn and dangerously uneven. Hand rails are cracked, in some instances, splintered and broken uneven. Plumbing fixtures are chipped, cracked, and stained. Galvanized steel pipes are rusting and calcifying; waste lines are cracking, lead joints are loosening from the bell and spigot connections and trim chrome is worn. The sanitary waste line system is inadequately vented and known for emitting sewer gases into the latrines and adjacent hallways resulting in obnoxious odors which cannot be removed. Electrical service cannot handle the number of appliances and apparatuses which the modern soldier possesses. The existing gang latrines are undersized, crowded and do not provide adequate privacy for soldiers. Ventilation in common gang latrines is first-generation humidistat-action which is too small to adequately vent steam and moisture from the latrine and shower areas resulting in moisture rot and mold growth. Heating radiators are overaged, cracked and have leaking sections; valves are frequently broken; pipes are calcified; insulation on distribution lines is disintegrating exposing friable asbestos -- as also found elsewhere in the building. Parking pavement is spalling, pot-holed and replete with uneven surfaces; drainage is often defective. Bicycle rack is rusting and distorted beyond capability to realign.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, single soldiers will continue to live in substandard facilities that contain unpleasant living conditions and do not meet the minimum Department of Defense standards for privacy and quality of life. This project is urgently required to correct a defective real property condition. The existing condition of the building will continue to deteriorate requiring ever increased spending on minor maintenance</p>		

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Tompkins Barracks, Heidelberg, Germany		
4. PROJECT TITLE		5. PROJECT NUMBER
Whole Barracks Complex Renewal		47941
<p><u>IMPACT IF NOT PROVIDED: (CONTINUED)</u></p> <p>and repair. Responsive support is needed as the drain on Directorate of Engineering and Housing (DEH) resources makes quick fixes prohibitive.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Parametric estimates have been used to develop project costs. This project is not eligible for NATO Infrastructure funding. During the past two years, \$144 thousand has been spent on RPM for unaccompanied enlisted personnel housing at Heidelberg, FRG. Upon completion of this project, the remaining permanent party requirement is 152 spaces at this installation.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	JAN 1996	
(b) Parametric Cost Estimating Used to Develop Costs	YES	
(c) Percent Complete As Of January 1997.....	10	
(d) Date 35% Designed.....	APR 1997	
(e) Date Design Complete.....	NOV 1997	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO)		
(b) Where Design Was Most Recently Used		
(3) Total Design Cost (c) = (a)+(b). OR (d)+(e):		
		(\$000)
(a) Production of Plans and Specifications.....	390	
(b) All Other Design Costs.....	200	
(c) Total Design Cost.....	590	
(d) Contract.....	470	
(e) In-house.....	120	
(4) Construction Start.....		
		JAN 1998
		month & year

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997								
3. INSTALLATION AND LOCATION. Tompkins Barracks, Heidelberg, Germany										
4. PROJECT TITLE Whole Barracks Complex Renewal		5. PROJECT NUMBER 47941								
12. <u>SUPPLEMENTAL DATA:</u> (CONTINUED) B. Equipment associated with this project which will be provided from other appropriations: <table border="0"> <thead> <tr> <th><u>Equipment</u> <u>Nomenclature</u></th> <th><u>Procuring</u> <u>Appropriation</u></th> <th><u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u></th> <th><u>Cost</u> <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4">NONE</td> </tr> </tbody> </table>			<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>	NONE			
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>							
NONE										
Installation Engineer: MAJ Chinlett Phone Number: DSN 370-1560										

1. COMPONENT		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE	
ARMY					31 JAN 1997	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Rhine Ordnance Barracks Kaiserslautern, Germany			Whole Barracks Complex Renewal			
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
22396A		721	47282	Auth 6,000 Approp 6,000		
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,250
Barracks			m2	1,208	2,691	(3,250)
<u>SUPPORTING FACILITIES</u>						2,096
Electric Service			LS	---	---	(220)
Water, Sewer, Gas			LS	---	---	(571)
Paving, Walks, Curbs And Gutters			LS	---	---	(257)
Storm Drainage			LS	---	---	(76)
Site Imp(270) Demo(472)			LS	---	---	(742)
Information Systems			LS	---	---	(230)
ESTIMATED CONTRACT COST						5,346
CONTINGENCY PERCENT (5.00%)						267
SUBTOTAL						5,613
SUPERVISION, INSPECTION & OVERHEAD (6.50%)						365
TOTAL REQUEST						5,978
TOTAL REQUEST (ROUNDED)						6,000
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10. Description of Proposed Construction Construct a standard-design barracks. Work includes modules consisting of two individual living/sleeping rooms with a semi-private bath, walk-in closets, kitchenettes, and the installation of television receivers, military and commercial telephone system. Project also includes janitor closet, mechanical equipment room, dayrooms, classrooms, latrines, personal storage in attic, sprinkled laundries, and latrines. Supporting facilities include utilities; electric service; paving, walks, curbs and gutters; parking; exterior lighting; fire protection and alarm systems; bicycle racks; storm drainage; sanitary sewer; information systems; and site improvements. Heating will be provided from an existing central coal-fired, hot water heating plant via an existing long distance heating line. Demolish three buildings (1,625 SM) within the footprint.						
11. REQ: 398 PN ADQT: 374 PN SUBSTD: 24 PN PROJECT: Construct standard-design barracks. (Current Mission) REQUIREMENT: This project is urgently required to correct the substandard real property conditions of the existing billets. Maximum and intended utilization is 24. Project replaces two existing substandard buildings currently being used for single soldier housing. These buildings will be						

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Rhine Ordnance Barracks, Kaiserslautern, Germany		
4. PROJECT TITLE		5. PROJECT NUMBER
Whole Barracks Complex Renewal		47282
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>demolished as part of this project.</p> <p><u>CURRENT SITUATION:</u> Roof tiles are becoming separated, aggravated by wind borne fungus growth and cracks; supporting trusses have been weakened by exceptional wind and snow loads; gutters and downspout are rusted, dented and distorted in grade and alignment; many hangers are missing or coming loose. Stucco is cracked, stained, and either spelled or weathered through to the masonry shell base. The remaining paint coating provides no protection. Exterior and interior doors are generally warped, difficult to open and close; and paint can't hold. Door and hardware is becoming more inoperable, requiring an inordinate amount of attention. Plaster interior surfaces are cracked, spelling and water-logged in areas next to common latrines. Paint covering is worn, cracked and peeling. Cracks have worked their way down to the masonry substrate putting them in near failing condition. Ceramic wall tile is cracked, lost its sheen and no longer impervious. Identical replacement tiles invariably are not available so surfaces appear as an unmatched mosaic. Ceramic floor tile is in much the same condition and heavily worn. Plastic floor tiles are chipped and pattern design is worn through. Stairway nosing are broken, treads are worn and dangerously uneven. Hand rails are cracked, in some instances, splintered and broken. Plumbing fixtures are chipped, cracked, dented (stainless steel) and stained with the impervious glaze all but gone. Galvanized pipe is rusting and calcifying; waste lines are cracking, lead joints are loosening from the bell and spigot connections and trim chrome is worn. Electric service is overloaded through mission and personal evolution in the use of electric apparatus; circuits are unbalanced; fuses are constantly out of service; insulation is charred making the two-wire lines even more hazardous for lack of safe ground protection. Many fixtures are damaged beyond repair. Ventilation in common latrines is rarely operable; they are the first generation humidistat-action and because of its age, parts are hard to come by; inability to fully evacuate moisture has resulted in colonies of mold. Radiators have cracked and have leaking sections; valves are frequently broken; pipes are calcified; insulation on distribution lines is disintegrating or missing. Fire exits illuminated signage is failing. Because of overall electrical problems their usefulness as well as that of alarms are unreliable.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided single soldiers will continue to live in substandard facilities that do not meet the minimum Department of Defense standards for privacy and quality of life. The appalling living conditions continue to negatively impact morale, soldier retention rates and overall unit readiness.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering</p>		

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Rhine Ordnance Barracks, Kaiserslautern, Germany			
4. PROJECT TITLE Whole Barracks Complex Renewal		5. PROJECT NUMBER 47282	
12. <u>SUPPLEMENTAL DATA:</u> (CONTINUED) B. Equipment associated with this project which will be provided from other appropriations:			
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
	NONE		
Installation Engineer: Mr Jorge Blanco Phone Number: DSN 383-1560			

1. COMPONENT		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE	
ARMY					31 JAN 1997	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Taylor Barracks Mannheim, Germany			Whole Barracks Complex Renewal			
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
22396A		721	44954	Auth 6,200 Approp 6,200		
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						4,637
Modernize Barracks			m2	3,495	1,327	(4,637)
<u>SUPPORTING FACILITIES</u>						656
Electric Service			LS	--	--	(162)
Water, Sewer, Gas			LS	--	--	(379)
Paving, Walks, Curbs And Gutters			LS	--	--	(104)
Bicycle Racks			LS	--	--	(11)
ESTIMATED CONTRACT COST						5,293
CONTINGENCY PERCENT (10.0%)						529
SUBTOTAL						5,822
SUPERVISION, INSPECTION & OVERHEAD (6.50%)						378
TOTAL REQUEST						6,200
TOTAL REQUEST (ROUNDED)						6,200
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10. Description of Proposed Construction Modernize barracks to current Army standard-designs. Barracks includes modules consisting of two individual living/sleeping rooms with semi-private baths and walk-in closets. Project also includes dayroom, sprinkled laundries, personal storage areas, and kitchenettes, mudrooms, company operations and supply to include arms rooms. Modernization addresses structural/architectural components as well as roofing and its drainage; building shell weather protection; fenestration, exterior and interior egress/ingress; ceiling, walls and floors; and stairways. Connect to energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service and auxiliary services; heating and ventilation; paving, walks, curbs and gutters; and site improvements.						
11. REQ: 552 PN ADQT: 132 PN SUBSTD: 420 PN PROJECT: Modernize an existing troop barracks with gang latrines to current Army standard-designs. (Current Mission) REQUIREMENT: This project is urgently required to correct a building in substandard physical condition as well as provide housing for the single soldiers of Taylor Barracks with Department of Defense (DOD) Standard 1+1 living space. The existing facility must be modernized to provide acceptable						

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
ARMY			31 JAN 1997
3. INSTALLATION AND LOCATION			
Taylor Barracks, Mannheim, Germany			
4. PROJECT TITLE		5. PROJECT NUMBER	
Whole Barracks Complex Renewal		44954	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>Quality of Life standards to soldiers. Intended utilization is for 12 E1-E4 and 15 E5-E6. Maximum utilization is for 42 personnel.</p> <p><u>CURRENT SITUATION:</u> The existing barracks buildings at Taylor Barracks were constructed from 1938 to 1947. Existing building is functional, but contains utility and service systems which are substandard and undersized and cannot handle the loads imposed on them by modern usage. The building itself has gutters and downspouts which are rusted, dented and distorted in grade and alignment. The stucco is cracked, stained and weathered. Exterior and interior doors are generally warped, difficult to open and close and paint won't hold. The plaster interior surfaces are cracked, spalling and water-logged in areas next to gang latrines. Paint covering is worn, cracked and peeling. Replacement ceramic wall tiles are not available so surfaces appear as an unmatched mosaic. Ceramic floor tile is in much the same condition and heavily worn. Stairway nosings are broken, treads are worn and uneven. Electrical service cannot handle the number of appliances and apparatuses which the modern soldier possesses. The existing gang latrines are undersized, crowded and do not provide adequate privacy for soldiers. Ventilation in common gang latrines is first-generation humidistat-action which is too small to adequately vent steam and moisture from the latrine and shower areas resulting in moisture rot and mold growth. The plumbing system is inadequately vented and known for emitting sewer gases into the latrines and adjacent hallways resulting in obnoxious odors which cannot be removed.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, single soldiers will continue to live in substandard facilities that contain unpleasant living conditions and do not meet the minimum Department of Defense (DOD) standards for privacy and quality of life. The existing condition of the building will continue to deteriorate requiring ever increased spending on minor maintenance and repair.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project. This project is not eligible for NATO infrastructure funding. During the past two years, \$1.2 million has been spent on RPM for unaccompanied enlisted personnel housing at Taylor Barracks, Germany. Upon completion of this project, the remaining permanent party requirement is 372 spaces at this installation.</p>			

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Taylor Barracks, Mannheim, Germany		
4. PROJECT TITLE Whole Barracks Complex Renewal		5. PROJECT NUMBER 44954
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		<u>JAN 1994</u>
(b) Parametric Cost Estimating Used to Develop Costs		<u>NO</u>
(c) Percent Complete As Of January 1997.....		<u>35</u>
(d) Date 35% Designed.....		<u>OCT 1996</u>
(e) Date Design Complete.....		<u>OCT 1997</u>
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO)	N	
(b) Where Design Was Most Recently Used		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....		<u>275</u>
(b) All Other Design Costs.....		<u>195</u>
(c) Total Design Cost.....		<u>470</u>
(d) Contract.....		<u>350</u>
(e) In-house.....		<u>120</u>
(4) Construction Start..... <u>JAN 1998</u> month & year		
Installation Engineer: MAJ K. McMillan Phone Number: DSN 381-1560		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
Korea		Korea Various (EUSA)				151
		Combined Field Army				
		Camp Humphreys				
	49018	Whole Barracks Complex Renewal	32,000	32,000	N	153
		Combined Field Army				
	45703	Whole Barracks Complex Renewal	23,600	23,600	C	156
	45704	Whole Barracks Complex Renewal	7,000	7,000	C	159
		Eastern Corridor				
	45705	Whole Barracks Complex Renewal	8,400	8,400	C	162
	48909	Whole Barracks Complex Renewal	5,100	5,100	N	165
		Subtotal Korea Various PART I	\$ 76,100	76,100		
		* TOTAL MCA FOR Korea	\$ 76,100	76,100		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Korea Various Korea	4. COMMAND Eighth United States Army		5. AREA CONSTRUCTION COST INDEX 1.12	

6. PERSONNEL STRENGTH:	PERMANENT		STUDENTS		SUPPORTED				
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	TOTAL
A. AS OF 30 SEP 1996	0	0	0	0	0	0	0	0	0
B. END FY 2003	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	151,487
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	76,100
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	63,500
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	27,600
G. REMAINING DEFICIENCY.....	467,343
H. GRAND TOTAL.....	786,030

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:					
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS	
CODE	NUMBER			START	COMPLETE
721	45705	Whole Barracks Complex Renewal	8,400	05/1996	07/1997
721	45704	Whole Barracks Complex Renewal	7,000	05/1996	07/1997
721	45703	Whole Barracks Complex Renewal	23,600	05/1996	07/1997
722	48909	Whole Barracks Complex Renewal	5,100	01/1997	01/1998
721	49018	Whole Barracks Complex Renewal	32,000	02/1997	12/1997
TOTAL			76,100		

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
CODE		
A. REQUESTED IN THE FY 1999 PROGRAM:		
721	Whole Barracks Complex Renewal	8,100
721	Whole Barracks Complex Renewal	18,600
721	Whole Barracks Complex Renewal	25,000
721	Whole Barracks Complex Renewal	11,800
TOTAL		63,500
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

The Eighth United States Army (EUSA) exercises command and control over all assigned EUSA units. Organizes, equips, trains, and employs forces assigned to ensure optimum readiness for combat operations.

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Camp Humphreys Camp Humphreys, Korea				4. PROJECT TITLE Whole Barracks Complex Renewal		
5. PROGRAM ELEMENT 22496A		6. CATEGORY CODE 721	7. PROJECT NUMBER 49018		8. PROJECT COST (\$000) Auth 32,000 Approp 32,000	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						23,203
Barracks			m2	12,745	1,300	(16,569)
Company Operations			m2	3,088	1,250	(3,860)
Foundation Piling			m	10,296	180.00	(1,853)
IDS Installation			LS	--	--	(39)
Building Information Systems			LS	--	--	(882)
<u>SUPPORTING FACILITIES</u>						5,783
Electric Service			LS	--	--	(974)
Water, Sewer, Gas			LS	--	--	(2,710)
Paving, Walks, Curbs And Gutters			LS	--	--	(708)
Storm Drainage			LS	--	--	(194)
Site Imp(507) Demo(344)			LS	--	--	(850)
Information Systems			LS	--	--	(217)
Fuel Oil Tank			LS	--	--	(130)
ESTIMATED CONTRACT COST						28,986
CONTINGENCY PERCENT (5.00%)						1,449
SUBTOTAL						30,435
SUPERVISION, INSPECTION & OVERHEAD (6.50%)						1,978
TOTAL REQUEST						32,413
TOTAL REQUEST (ROUNDED)						32,000
INSTALLED EQT-OTHER APPROPRIATIONS						(5,552)
10. Description of Proposed Construction Construct three barracks and four company operations facilities. Project includes living/sleeping rooms, semi-private baths, storage, laundry, mud room, dayroom, and pile foundation. Install intrusion detection systems (IDS). Supporting facilities include utilities; water storage; electric service; security lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; sewer system with lift station; fuel oil storage tanks; information systems; and site improvements. Heating will be provided by self-contained oil- fired systems. Air conditioning: 500 tons. Demolish 18 buildings (1,530 m2) with asbestos removal within the footprint. Provide comprehensive building and furnishings related interior design services.						
11. REQ: 6,200 PN ADQT: 1,756 PN SUBSTD: 4,444 PN PROJECT: Construct three barracks and four company operations facilities. (Current Mission) REQUIREMENT: This project is required to provide adequate barracks and company operations facilities. These facilities are urgently needed to house soldiers of Apache and Patriot Battalions at Camp Humphreys. This project will provide housing for a total (intended utilization) of 510 enlisted personnel						

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Camp Humphreys, Camp Humphreys, Korea		
4. PROJECT TITLE	5. PROJECT NUMBER	
Whole Barracks Complex Renewal	49018	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>(404 E1-E4, 98 E5-E6, 8 E7-E9). Maximum utilization for the barracks is 632 personnel.</p> <p><u>CURRENT SITUATION:</u> Soldiers assigned to units at Camp Humphreys are overcrowded and housed in substandard barracks. The substandard barracks are deteriorated, lack adequate space, waste energy, and are becoming structurally unsound. The housing situation has worsened with the recent stationing of an Apache attack helicopter battalion and brigade headquarters, and the planned restationing of a portion of the Patriot Battalion. These substandard living conditions have a significant negative impact on the health, morale and mission readiness of the soldiers and units they serve.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, soldiers will continue to live and work under reduced space conditions in substandard buildings. Stationing of a Patriot Battalion will be impaired or delayed. Wasteful energy consumption and high maintenance expenditures will continue on buildings that have surpassed their useful life. These situations will persist and adversely affect the soldiers' morale and unit readiness.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and physical security and/or combatting terrorism (CBT/T) measures are not required. This project complies with the scope and design criteria of DoD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. Parametric estimates have been used to develop project costs. During the last two years, \$2.9 million has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Camp Humphreys. Upon completion of this project, the remaining permanent party requirement is 4,128 spaces at this installation.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	JAN 1997	
(b) Parametric Cost Estimating Used to Develop Costs	YES	
(c) Percent Complete As Of January 1997.....	5	
(d) Date 35% Designed.....	MAY 1997	
(e) Date Design Complete.....	DEC 1997	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) Y		
(b) Where Design Was Most Recently Used	Camp Casey	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)	

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997																														
3. INSTALLATION AND LOCATION Camp Humphreys, Camp Humphreys, Korea																																
4. PROJECT TITLE Whole Barracks Complex Renewal	5. PROJECT NUMBER 49018																															
<p>12. <u>SUPPLEMENTAL DATA:</u> (Continued)</p> <p style="margin-left: 40px;">A. Estimated Design Data: (Continued)</p> <table style="margin-left: 80px; width: 80%;"> <tr><td>(a) Production of Plans and Specifications.....</td><td style="text-align: right;">960</td></tr> <tr><td>(b) All Other Design Costs.....</td><td style="text-align: right;">260</td></tr> <tr><td>(c) Total Design Cost.....</td><td style="text-align: right;">1,220</td></tr> <tr><td>(d) Contract.....</td><td style="text-align: right;">1,000</td></tr> <tr><td>(e) In-house.....</td><td style="text-align: right;">220</td></tr> </table> <p style="margin-left: 80px;">(4) Construction Start..... <u>MAR 1998</u> month & year</p> <p style="margin-left: 40px;">B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="margin-left: 80px; width: 80%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u> <u>Nomenclature</u></th> <th style="text-align: left;"><u>Procuring</u> <u>Appropriation</u></th> <th style="text-align: left;"><u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u></th> <th style="text-align: right;"><u>Cost</u> <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td>IDS Equipment</td> <td>OPA</td> <td>1998</td> <td style="text-align: right;">80</td> </tr> <tr> <td>Info Sys - ISC</td> <td>OPA</td> <td>1998</td> <td style="text-align: right;">5,247</td> </tr> <tr> <td>Info Sys - PROP</td> <td>OPA</td> <td>1998</td> <td style="text-align: right;">225</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right; border-top: 1px solid black;">5,552</td> </tr> </tbody> </table>			(a) Production of Plans and Specifications.....	960	(b) All Other Design Costs.....	260	(c) Total Design Cost.....	1,220	(d) Contract.....	1,000	(e) In-house.....	220	<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>	IDS Equipment	OPA	1998	80	Info Sys - ISC	OPA	1998	5,247	Info Sys - PROP	OPA	1998	225	TOTAL			5,552
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Info Sys - ISC	OPA	1998	5,247																													
Info Sys - PROP	OPA	1998	225																													
TOTAL			5,552																													
<p>Installation Engineer: Mr. Richard Bain</p> <p>Phone Number: DSN 315 753-6050</p>																																

1. COMPONENT		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE	
ARMY					31 JAN 1997	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Camp Red Cloud Combined Field Army, Korea			Whole Barracks Complex Renewal			
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
22496A		721	45703	Auth 23,600 Approp 23,600		
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY						18,989
Barracks			m2	12,270	1,300	(15,951)
Company Operations Building			m2	1,544	1,250	(1,930)
Pile Foundations			LS	--	--	(636)
IDS Installation			LS	--	--	(20)
Building Information Systems			LS	--	--	(452)
SUPPORTING FACILITIES						2,116
Electric Service			LS	--	--	(169)
Water, Sewer, Gas			LS	--	--	(304)
Paving, Walks, Curbs And Gutters			LS	--	--	(159)
Storm Drainage			LS	--	--	(48)
Site Imp(498) Demo(311)			LS	--	--	(809)
Information Systems			LS	--	--	(548)
Fuel Oil Storage Tanks			LS	--	--	(79)
ESTIMATED CONTRACT COST						21,105
CONTINGENCY PERCENT (5.00%)						<u>1,055</u>
SUBTOTAL						22,160
SUPERVISION, INSPECTION & OVERHEAD (6.50%)						<u>1,440</u>
TOTAL REQUEST						23,600
TOTAL REQUEST (ROUNDED)						23,600
INSTALLED EQT-OTHER APPROPRIATIONS						()
10. Description of Proposed Construction Construct three barracks and two company operations facilities. Project includes living/sleeping rooms, semi-private baths, storage, laundry, mud room, day room, and pile foundation. Install intrusion detection systems (IDS). Supporting facilities include utilities; electric service; security lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; sewer systems; fuel oil storage tanks; information systems; and site improvements. Heating will be provided by self-contained oil-fired systems. Air conditioning: 485 tons. Demolish 34 buildings (4,279 SM) with asbestos removal within the footprint. Provide comprehensive building and furnishings related interior design services.						
11. REQ: 2,800 PN ADQT: 1,070 PN SUBSTD: 1,730 PN PROJECT: Construct three barracks and two company operations facilities. (Current Mission) REQUIREMENT: This project is required to provide adequate barracks and a company operations facility. These facilities are urgently needed to meet the needs of the 2nd Infantry Division and Supporting units. This project will provide housing for a total (intended utilization) of 390 enlisted personnel						

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Camp Red Cloud, Combined Field Army, Korea		
4. PROJECT TITLE Whole Barracks Complex Renewal	5. PROJECT NUMBER 45703	
<p><u>REQUIREMENT:</u> (CONTINUED) (240 E1-E4, 120 E5-E6, 30 E7-E9). Maximum utilization for the barracks is 600 personnel.</p> <p><u>CURRENT SITUATION:</u> Soldiers assigned to this unit are housed in overcrowded, substandard buildings. These substandard facilities are deteriorated, lack adequate space, waste energy, and are becoming structurally unsound. These substandard living and working conditions have a significant negative impact on the health, morale and mission readiness of the soldiers and units they serve.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, these soldiers will continue to live and work together under reduced space conditions in substandard buildings. Wasteful energy consumption and high maintenance expenditures will continue on buildings that have surpassed their useful life. These situations will persist and adversely affect the soldiers' morale and unit readiness.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994, and all subsequent revisions. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Parametric estimates have been used to develop project costs. During the past two years, \$2.8 million has been spent on RPM for unaccompanied enlisted personnel housing at Camp Red Cloud. Upon completion of this project, the remaining permanent party requirement is 1,430 spaces at this installation.</p>		
12. SUPPLEMENTAL DATA: A. Estimated Design Data: (1) Status: (a) Date Design Started..... MAY 1996 (b) Parametric Cost Estimating Used to Develop Costs YES (c) Percent Complete As Of January 1997..... 40 (d) Date 35% Designed..... DEC 1996 (e) Date Design Complete..... JUL 1997 (2) Basis: (a) Standard or Definitive Design - (YES/NO) Y (b) Where Design Was Most Recently Used Camp Hovey (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) (a) Production of Plans and Specifications..... 770		

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Camp Red Cloud, Combined Field Army, Korea		
4. PROJECT TITLE Whole Barracks Complex Renewal		5. PROJECT NUMBER 45703
12. <u>SUPPLEMENTAL DATA:</u> (Continued) A. Estimated Design Data: (Continued) (b) All Other Design Costs..... 100 (c) Total Design Cost..... 870 (d) Contract..... 560 (e) In-house..... 310 (4) Construction Start..... FEB 1998 month & year		
Installation Engineer: MAJ Curt L. Hoover Phone Number: DSN (315) 732-6225		

1. COMPONENT ARMY		FY 1998		MILITARY CONSTRUCTION PROJECT DATA		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Camp Stanley Combined Field Army, Korea				4. PROJECT TITLE Whole Barracks Complex Renewal			
5. PROGRAM ELEMENT 22496A		6. CATEGORY CODE 721		7. PROJECT NUMBER 45704		8. PROJECT COST (\$000) Auth 7,000 Approp 7,000	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							5,755
Barracks				m2	4,090	1,353	(5,534)
Pile Foundation				m	780	180.00	(140)
Building Information Systems				LS	--	--	(81)
<u>SUPPORTING FACILITIES</u>							503
Electric Service				LS	--	--	(48)
Water, Sewer, Gas				LS	--	--	(204)
Paving, Walks, Curbs And Gutters				LS	--	--	(45)
Storm Drainage				LS	--	--	(37)
Site Imp(87) Demo()				LS	--	--	(87)
Information Systems				LS	--	--	(61)
Fuel Oil Storage Tank				LS	--	--	(21)
ESTIMATED CONTRACT COST							6,258
CONTINGENCY PERCENT (5.00%)							313
SUBTOTAL							6,571
SUPERVISION, INSPECTION & OVERHEAD (6.50%)							427
TOTAL REQUEST							6,998
TOTAL REQUEST (ROUNDED)							7,000
INSTALLED EQT-OTHER APPROPRIATIONS							()
10. Description of Proposed Construction Construct one barracks. Project includes living/sleeping rooms, semi-private baths, storage, laundry, mud room, day room, and pile foundation. Supporting facilities include utilities; electric service; security lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; sewer systems; fuel oil storage tanks; information systems; and site improvements. Heating will be provided by a self-contained oil-fired system. Air conditioning: 90 tons. Provide comprehensive building and furnishings related interior design services.							
11. REQ: 3,700 PN ADQT: 1,165 PN SUBSTD: 2,435 PN PROJECT: Construct one barracks. (Current Mission) REQUIREMENT: This project is required to provide adequate barracks. This facility is urgently needed to meet the needs of the aviation and artillery units of the 2nd Infantry Division. This project will provide housing for a total (intended utilization) of 130 enlisted personnel (80 E1-E4, 40 E5-E6, 10 E7-E9). Maximum utilization for the barracks is 200 personnel. CURRENT SITUATION: Soldiers assigned to these units are overcrowded and housed in substandard quonsets. The substandard facilities are deteriorated, lack adequate space, waste energy, have no air conditioning and are becoming							

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Camp Stanley, Combined Field Army, Korea		
4. PROJECT TITLE	5. PROJECT NUMBER	
Whole Barracks Complex Renewal	45704	
12. SUPPLEMENTAL DATA: (Continued)		
A. Estimated Design Data: (Continued)		
month & year		
<p>Installation Engineer: MAJ Curt L. Hoover</p> <p>Phone Number: DSN (315) 732-6225</p>		

1. COMPONENT		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE	
ARMY					31 JAN 1997	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE		
Camp Castle Eastern Corridor, Korea				Whole Barracks Complex Renewal		
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER		8. PROJECT COST (\$000)	
22496A		721	45705		Auth 8,400 Approp 8,400	
9. COST ESTIMATES						
ITEM				U/M	QUANTITY	UNIT COST
<u>PRIMARY FACILITY</u>						6,723
Barracks				m2	4,090	1,353 (5,534)
Company Operations Building				m2	719	1,250 (899)
Pile Foundations				m	1,075	180.00 (194)
Building Information Systems				LS	--	-- (96)
<u>SUPPORTING FACILITIES</u>						752
Electric Service				LS	--	-- (66)
Water, Sewer, Gas				LS	--	-- (205)
Paving, Walks, Curbs And Gutters				LS	--	-- (70)
Storm Drainage				LS	--	-- (28)
Site Imp(170) Demo(118)				LS	--	-- (288)
Information Systems				LS	--	-- (61)
Fuel Oil Storage Tanks, (2 EA)				LS	--	-- (34)
ESTIMATED CONTRACT COST						7,475
CONTINGENCY PERCENT (5.00%)						374
SUBTOTAL						7,849
SUPERVISION, INSPECTION & OVERHEAD (6.50%)						510
TOTAL REQUEST						8,359
TOTAL REQUEST (ROUNDED)						8,400
INSTALLED EQT-OTHER APPROPRIATIONS						()
10. Description of Proposed Construction Construct one barracks and one company operations facility. Project includes living/sleeping rooms, semi-private baths, storage, laundry, mud room, day room, and pile foundation. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; security lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; sewer systems; fuel oil storage tanks; information systems; and site improvements. Heating will be provided by self-contained oil-fired systems. Air conditioning: 140 tons. Demolish nine buildings (1,697 SM) with asbestos removal within the footprint. Provide comprehensive building and furnishings related interior design services.						
11. REQ: 680 PN ADQT: 124 PN SUBSTD: 556 PN						
PROJECT: Construct one barracks and one company operations facility. (Current Mission)						
REQUIREMENT: This project is required to provide adequate barracks and a company operations facility. These facilities are urgently needed to meet the needs of a combat engineer battalion of the 2nd Infantry Division. This project will provide housing for a total (intended utilization) of 151 enlisted personnel (102 E1-E4, 49 E5-E6). Maximum utilization for the barracks						

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Camp Castle, Eastern Corridor, Korea		
4. PROJECT TITLE Whole Barracks Complex Renewal		5. PROJECT NUMBER 45705

REQUIREMENT: (CONTINUED)
is 200 personnel.

CURRENT SITUATION: Soldiers assigned to these units are housed in overcrowded, substandard H-relocatable buildings. These substandard facilities are deteriorated, lack adequate space, waste energy, and are becoming structurally unsound. These substandard living and working conditions have a significant negative impact on the health, morale and mission readiness of the soldiers and units they serve.

IMPACT IF NOT PROVIDED: If this project is not provided, these soldiers will continue to live and work together under reduced space conditions in substandard buildings. Wasteful energy consumption and high maintenance expenditures will continue on buildings that have surpassed their useful life. These situations will persist and adversely affect the soldiers' morale and unit readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994, and all subsequent revisions. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Parametric estimates have been used to develop project costs. During the past two years, \$348 thousand has been spent on RPM for unaccompanied enlisted personnel housing at Camp Castle. Upon completion of this project, the remaining permanent party requirement is 456 spaces at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	MAY 1996
(b) Parametric Cost Estimating Used to Develop Costs	YES
(c) Percent Complete As Of January 1997.....	40
(d) Date 35% Designed.....	DEC 1996
(e) Date Design Complete.....	JUL 1997

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y

(b) Where Design Was Most Recently Used
Camp Hovey

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	450
(b) All Other Design Costs.....	60

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997						
3. INSTALLATION AND LOCATION Camp Castle, Eastern Corridor, Korea								
4. PROJECT TITLE Whole Barracks Complex Renewal		5. PROJECT NUMBER 45705						
12. <u>SUPPLEMENTAL DATA:</u> (Continued) <p>A. Estimated Design Data: (Continued)</p> <table> <tr> <td>(c) Total Design Cost.....</td> <td>510</td> </tr> <tr> <td>(d) Contract.....</td> <td>330</td> </tr> <tr> <td>(e) In-house.....</td> <td>180</td> </tr> </table> <p>(4) Construction Start..... <u>FEB 1998</u> month & year</p>			(c) Total Design Cost.....	510	(d) Contract.....	330	(e) In-house.....	180
(c) Total Design Cost.....	510							
(d) Contract.....	330							
(e) In-house.....	180							
<p>Installation Engineer: LTC Gary J. Pesano Phone Number: DSN (315) 730-3659</p>								

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Camp Casey Eastern Corridor, Korea				4. PROJECT TITLE Whole Barracks Complex Renewal		
5. PROGRAM ELEMENT 22496A		6. CATEGORY CODE 722	7. PROJECT NUMBER 48909		8. PROJECT COST (\$000) Auth 5,100 Approp 5,100	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						4,012
Dining Facility			m2	1,846	2,045	(3,775)
Pile Foundation			m	909	229.00	(208)
Building Information Systems			LS	--	--	(29)
<u>SUPPORTING FACILITIES</u>						585
Electric Service			LS	--	--	(135)
Water, Sewer, Gas			LS	--	--	(66)
Paving, Walks, Curbs And Gutters			LS	--	--	(69)
Storm Drainage			LS	--	--	(103)
Site Imp(26) Demo(59)			LS	--	--	(85)
Information Systems			LS	--	--	(63)
AB Fuel Oil Tank			LS	--	--	(64)
ESTIMATED CONTRACT COST						4,597
CONTINGENCY PERCENT (5.00%)						230
SUBTOTAL						4,827
SUPERVISION, INSPECTION & OVERHEAD (6.50%)						314
TOTAL REQUEST						5,141
TOTAL REQUEST (ROUNDED)						5,100
INSTALLED EQT-OTHER APPROPRIATIONS						()
10. Description of Proposed Construction Construct a standard-design enlisted dining facility. Project includes all kitchen and serving equipment, walk-in freezers and coolers, dry storage area, loading dock, offices, latrines, fire suppression system and pile foundation. Supporting facilities include utilities; electric service; fire protection and alarm systems; exterior lighting; paving, walks, curbs and gutters; parking; storm drainage; sewer system; fuel oil storage tank; information systems; and site improvements. Heating will be provided by self-contained oil-fired system. Air conditioning: 70 tons. Demolish four buildings (1,351 M2) with asbestos removal within the footprint. Provide comprehensive building and furnishings related interior design services.						
11. REQ: 7,900 m2 ADQT: 3,811 m2 SUBSTD: 694 m2						
PROJECT: Construct a standard-design dining facility. (Current Mission)						
REQUIREMENT: This project is urgently needed to provide an adequate enlisted dining facility for soldiers of an infantry battalion and a portion of a field artillery battalion. This project will support a total of 800 personnel.						

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE														
ARMY		31 JAN 1997														
3. INSTALLATION AND LOCATION																
Camp Casey, Eastern Corridor, Korea																
4. PROJECT TITLE		5. PROJECT NUMBER														
Whole Barracks Complex Renewal		48909														
<p>CURRENT SITUATION: Soldiers assigned to the infantry battalion eat in an overcrowded, substandard, dining facility constructed in 1959, with various additions and refrigerator-freezer units attached to the facility. This facility consists of several interconnected quonset structures which have outlasted their useful life. The substandard facility is deteriorated, lacks adequate space, wastes energy, has limited window air conditioning units, and is becoming structurally unsound. The facility cannot be upgraded to current standards nor support modern dining facility equipment. These substandard conditions have a significant negative impact on the health, morale, and mission readiness of the soldiers and the units they serve.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to dine in an outdated substandard facility. Wasteful energy consumption and high maintenance expenditures will continue on buildings that have surpassed their useful lives. This situation will persist and adversely affect the soldiers' morale and unit readiness.</p> <p>ADDITIONAL: This project has been coordinated with the installation physical security plan, and physical security and/or combatting terrorism (CBT/T) measures are not required. This project complies with the scope and design criteria of DoD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Parametric estimates have been used to develop project costs. During the past two years, \$5.4 million has been spent on RPM for unaccompanied enlisted personnel housing at Camp Casey. Upon completion of this project, the remaining permanent party requirement is 3,689 spaces at this installation.</p>																
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(a) Date Design Started.....</td> <td style="text-align: right; border-bottom: 1px solid black;">JAN 1997</td> </tr> <tr> <td>(b) Parametric Cost Estimating Used to Develop Costs</td> <td style="text-align: right; border-bottom: 1px solid black;">YES</td> </tr> <tr> <td>(c) Percent Complete As Of January 1997.....</td> <td style="text-align: right; border-bottom: 1px solid black;">5</td> </tr> <tr> <td>(d) Date 35% Designed.....</td> <td style="text-align: right; border-bottom: 1px solid black;">AUG 1997</td> </tr> <tr> <td>(e) Date Design Complete.....</td> <td style="text-align: right; border-bottom: 1px solid black;">JAN 1998</td> </tr> </table> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design - (YES/NO) Y</p> <p>(b) Where Design Was Most Recently Used</p> <p style="padding-left: 40px;">Camp Casey</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(a) Production of Plans and Specifications.....</td> <td style="text-align: right; border-bottom: 1px solid black;">300</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right; border-bottom: 1px solid black;">108</td> </tr> </table>			(a) Date Design Started.....	JAN 1997	(b) Parametric Cost Estimating Used to Develop Costs	YES	(c) Percent Complete As Of January 1997.....	5	(d) Date 35% Designed.....	AUG 1997	(e) Date Design Complete.....	JAN 1998	(a) Production of Plans and Specifications.....	300	(b) All Other Design Costs.....	108
(a) Date Design Started.....	JAN 1997															
(b) Parametric Cost Estimating Used to Develop Costs	YES															
(c) Percent Complete As Of January 1997.....	5															
(d) Date 35% Designed.....	AUG 1997															
(e) Date Design Complete.....	JAN 1998															
(a) Production of Plans and Specifications.....	300															
(b) All Other Design Costs.....	108															

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997														
3. INSTALLATION AND LOCATION Camp Casey, Eastern Corridor, Korea																
4. PROJECT TITLE Whole Barracks Complex Renewal		5. PROJECT NUMBER 48909														
12. <u>SUPPLEMENTAL DATA:</u> (Continued) <div style="margin-left: 40px;"> A. Estimated Design Data: (Continued) <table style="margin-left: 40px; width: 80%;"> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right;">408</td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right;">357</td> </tr> <tr> <td>(e) In-house.....</td> <td style="text-align: right;">51</td> </tr> </table> <div style="margin-left: 40px; margin-top: 20px;"> (4) Construction Start..... <u>MAR 1998</u> <div style="text-align: right;">month & year</div> </div> <div style="margin-left: 40px; margin-top: 20px;"> B. Equipment associated with this project which will be provided from other appropriations: <table style="margin-left: 40px; width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u> <u>Nomenclature</u></th> <th style="text-align: left;"><u>Procuring</u> <u>Appropriation</u></th> <th style="text-align: left;"><u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u></th> <th style="text-align: left;"><u>Cost</u> <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center; height: 40px;">NA</td> </tr> </tbody> </table> </div> </div>			(c) Total Design Cost.....	408	(d) Contract.....	357	(e) In-house.....	51	<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>	NA			
(c) Total Design Cost.....	408															
(d) Contract.....	357															
(e) In-house.....	51															
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>													
NA																
Installation Engineer: LTC Gary J. Pesano Phone Number: DSN (315) 730-3659																

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
Overseas Various		Overseas Various Locations (FORVAR)				171
		Overseas Various Locations				
	26803	Strategic Logistical Prepo Complex Ph III	37,000	37,000	N	173
		Subtotal Overseas Various Locations PART I	\$ 37,000	37,000		
		* TOTAL MCA FOR Overseas Various	\$ 37,000	37,000		
		** TOTAL OUTSIDE THE UNITED STATES FOR MCA	\$ 156,100	156,100		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Overseas Various Locations Overseas Various	4. COMMAND Various US Army Major Commands-Foreign	5. AREA CONSTRUCTION COST INDEX 1.00

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	0	0	0	0	0	0	0	0	0	0
B. END FY 2003	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	82,700
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	37,000
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	6,000
H. GRAND TOTAL.....	125,700

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:			
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)
			DESIGN STATUS
			START COMPLETE
441	26803	Strategic Logistics Initiative Prepo PhIII	37,000 04/1994 09/1997
TOTAL			37,000

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
A. REQUESTED IN THE FY 1999 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
INSTALLATION AND LOCATION: Overseas Various Locations Overseas Various		
REMARKS :		

1. COMPONENT		FY 1998		MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY						31 JAN 1997	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
Overseas Various Locations				Strategic Logistical Prepo Complex			
Overseas Various				Ph III			
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
22696A		441		26803		Auth 37,000 Approp 37,000	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							29,156
General Purpose Warehouse				m2	5,569	333.04	(1,855)
Living Quarters - Officers				m2	2,295	1,814	(4,164)
Living Quarters - Enlisted				m2	2,223	1,675	(3,722)
Community Center				m2	1,162	1,471	(1,709)
TCCE-CA Commo Depot				m2	2,213	398.16	(881)
Total from Continuation page							(16,825)
<u>SUPPORTING FACILITIES</u>							3,593
Electric Service				LS	--	--	(461)
Water, Sewer, Gas				LS	--	--	(497)
Paving, Walks, Curbs And Gutters				LS	--	--	(1,325)
Storm Drainage				LS	--	--	(107)
Site Imp(415) Demo()				LS	--	--	(415)
Information Systems				LS	--	--	(788)
ESTIMATED CONTRACT COST							32,749
CONTINGENCY PERCENT (5.00%)							1,637
SUBTOTAL							34,386
SUPERVISION, INSPECTION & OVERHEAD (6.50%)							2,235
TOTAL REQUEST							36,621
TOTAL REQUEST (ROUNDED)							37,000
INSTALLED EQT-OTHER APPROPRIATIONS							()
10. Description of Proposed Construction Construct the final phase of a three-phase project required to complete an Army outside continental United States (OCONUS) prepositioning and logistical storage complex. The FY 98 phase completes construction of controlled humidity and general purpose warehouses, and vehicle sunshades. It also includes construction of a communications center, officer and enlisted personnel housing, community center, and a group headquarters/office building. This phase completes the required project infrastructure, including: primary power, sewer and water service, storm drainage, information systems, and site improvements.							
11. REQ: 1 EA ADQT: NONE SUBSTD: NONE							
PROJECT: Construct the final phase of an OCONUS strategic logistical storage complex for prepositioning ashore an Army heavy brigade and selected Army heavy division units in Southwest Asia. (New Mission).							
REQUIREMENT: This project is required to provide the facilities to preposition all unit equipment, materiel, and supplies of a second US Army heavy brigade, along with selected unit equipment and sustainment supplies for elements of an Army heavy division ashore in Southwest Asia. The project is integral to implementation of the Army Global Prepositioning strategy for							

1. COMPONENT		2. DATE	
ARMY		31 JAN 1997	
FY 1998 MILITARY CONSTRUCTION PROJECT DATA			
3. INSTALLATION AND LOCATION			
Overseas Various Locations, Overseas Various			
4. PROJECT TITLE		5. PROJECT NUMBER	
Strategic Logistical Prepo Complex Ph III		26803	
9. COST ESTIMATES (CONTINUED)			
<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit Cost (\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>			
Controlled Humidity Warehouse	m2	33,416	359.84 (12,024)
Category E Equipment	LS	--	-- (450)
Sunshade	m2	6,376	208.04 (1,326)
Group HQ Building	m2	739.04	1,261 (932)
Storage Bldg - DS2	m2	486.44	351.55 (171)
Building Information Systems	LS	--	-- (1,922)
		Total	16,825
<u>REQUIREMENT: (CONTINUED)</u>			
<p>United States Central Command (USCENTCOM) in compliance with the Bottom-Up review and Defense Planning Guidance. Project completion is critical to support US Commander-in-Chief Central's (USCINCCENT's) peacetime and warfighting strategy. Facilities for prepositioning equipment and supplies for heavy US Army forces in theater enhances regional security, deters aggression, and is vital to the defense of US national interests in Southwest Asia. Construction of facilities is imperative to provide for the adequate storage and maintenance of approximately \$2.2 billion of US Army unit equipment and supplies.</p>			
<p><u>CURRENT SITUATION:</u> The equipment, materiel, and supplies for the Army heavy brigade and division base (-) are currently located in CONUS and Europe. Locating this equipment outside of Southwest Asia poses an unnecessary risk for the Army, USCINCCENT and the National Command Authority (NCA). Lack of prepositioned Army equipment constrains NCA flexibility by severely limiting the time available to consider, develop and execute non-military courses of action to resolve any emerging regional crisis. At present, in order to adequately protect vital US interests from a perceived military threat, the NCA must order heavy Army force deployments at the outset of the regional crisis. The deployment of significant heavy Army forces to the theater via strategic airlift is currently constrained by a shortfall of capable aircraft. The time required for loading, ocean transit, and off-loading heavy Army forces from CONUS to Southwest Asia by strategic sealift presents an unacceptable level of risk. The strategic requirement for this project was vividly demonstrated in October 1994 by the rapid buildup of Iraqi heavy forces on the Kuwaiti border (Operation VIGILANT WARRIOR). No other method of obtaining the required facilities is available.</p>			
<p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the Army will not be able to comply with Defense Planning Guidance, nor able to fully implement its Global Prepositioning strategy in support of the Bottom-Up Review. The Army will not be able to preposition the equipment for a second heavy brigade and selected heavy division units in Southwest Asia. The capability of the</p>			

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Overseas Various Locations, Overseas Various		
4. PROJECT TITLE	5. PROJECT NUMBER	
Strategic Logistical Prepo Complex Ph III	26803	
<p><u>IMPACT IF NOT PROVIDED: (CONTINUED)</u></p> <p>Army to provide forces to USCINCCENT will be degraded significantly, and USCINCCENT's ability to provide regional deterrence and protect US vital interests in support of the NCA will be similarly degraded. The cost of strategic airlift, provided it is available, of the heavy brigade and division base from CONUS to Southwest Asia is estimated to exceed \$345 million. Furthermore, the opportunity costs associated with using strategic airlift to move these brigade and division units, rather than other critical units and supplies, cannot be estimated. The cost of strategic sealift, assuming sufficient time available, is estimated to be in excess of \$26 million, and again the substantial opportunity costs associated with such a deployment cannot be accurately estimated. The strategic significance of project construction to the Army, USCINCCENT, and the National Command Authority cannot be overstated.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project. The Host Nation has committed, in the Defense Cooperation Agreement, to provide land, security, and available logistical/utilities support.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	APR 1994	
(b) Parametric Cost Estimating Used to Develop Costs.....	NO	
(c) Percent Complete As Of January 1997.....	40	
(d) Date 35% Designed.....	AUG 1996	
(e) Date Design Complete.....	AUG 1997	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) N		
(b) Where Design Was Most Recently Used		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....	1,500	
(b) All Other Design Costs.....	350	
(c) Total Design Cost.....	1,850	
(d) Contract.....	100	

1. COMPONENT ARMY	FY <u>1998</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Overseas Various Locations, Overseas Various		
4. PROJECT TITLE Strategic Logistical Prepo Complex Ph III		5. PROJECT NUMBER 26803
12. <u>SUPPLEMENTAL DATA:</u> (Continued) A. Estimated Design Data: (Continued) (e) In-house..... <u>1,750</u> (4) Construction Start..... <u>MAR 1998</u> month & year		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
	NUMBER	PROJECT TITLE				
Worldwide Various		Worldwide Various Locations (WORLDWD)				179
	48953	Classified Project	6,500	6,500	N	181
		Subtotal Worldwide Various Locations PART I	\$ 6,500	6,500		
		Minor Construction (MINEXG)				183
	39978	Unspecified Minor Construction	6,000	6,000	C	185
		Subtotal Minor Construction PART I	\$ 6,000	6,000		
		Planning and Design (PLANDES)				187
	39974	Planning and Design	43,477	43,477	C	189
	39976	Host Nation Support	20,000	20,000	C	191
		Subtotal Planning and Design PART I	\$ 63,477	63,477		
		* TOTAL MCA FOR Worldwide Various	\$ 75,977	75,977		
		*** TOTAL WORLDWIDE FOR MCA	\$ 75,977	75,977		
		MILITARY CONSTRUCTION (PART I) TOTAL	\$ 555,277	595,277		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Classified US Location Various US Army Majo	4. COMMAND Various US Army Major Commands	5. AREA CONSTRUCTION COST INDEX 1.00

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED								
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	
A. AS OF 30 SEP 1996	0	0	0	0	0	0	0	0	0	0	0
B. END FY 2003	0	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	6,500
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	6,500

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:			
CATEGORY	PROJECT	COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000) START COMPLETE
141	48953	Classified Project	6,500
TOTAL			6,500

9. FUTURE PROJECTS:	
CATEGORY	COST
CODE	PROJECT TITLE (\$000)
A. REQUESTED IN THE FY 1999 PROGRAM: NONE	
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE	

10. MISSION OR MAJOR FUNCTIONS:	
---------------------------------	--

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

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1.COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 31 JAN 1997	
3.INSTALLATION AND LOCATION Worldwide Various Locations Worldwide Various Locations,				4.PROJECT TITLE Classified Project		
5.PROGRAM ELEMENT 92798A		6.CATEGORY CODE 141	7.PROJECT NUMBER 48953		8.PROJECT COST (\$000) Auth 6,500 Approp 6,500	
9.COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST CONTINGENCY PERCENT (5.00%) SUBTOTAL SUPERVISION, INSPECTION & OVERHEAD (6.00%) TOTAL REQUEST TOTAL REQUEST (ROUNDED) INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10.Description of Proposed Construction This project covers classified activities at various locations. Additional information concerning the requirements associated with this project will be provided to Congress during the review of Military Construction, Army, Fiscal Year 1997, Authorization/Appropriation Request.						
11. REQ: NONE ADQT: NONE SUBSTD: NONE <u>PROJECT:</u> To be provided during Congressional review of MCA request. (Current Mission) <u>REQUIREMENT:</u> To be provided during Congressional review of MCA request. <u>CURRENT SITUATION:</u> To be provided during Congressional review of MCA request. <u>IMPACT IF NOT PROVIDED:</u> To be provided during Congressional review of MCA request.						

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM				2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Minor Construction Worldwide Various	4. COMMAND Minor Construction				5. AREA CONSTRUCTION COST INDEX 1.00	

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS				SUPPORTED				
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	0	0	0	0	0	0	0	0	0	0
B. END FY 2003	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	212,089
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	6,000
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	10,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	228,089

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:			
CATEGORY	PROJECT	COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000) START COMPLETE
000	39978	Unspecified Minor Construction	6,000
TOTAL			6,000

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST
CODE		(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
BBB	Unspecified Minor Construction	10,000
TOTAL		10,000
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
---------------------------------	--

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

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1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Minor Construction Minor Construction, Worldwide Various			4. PROJECT TITLE Unspecified Minor Construction		
5. PROGRAM ELEMENT 91211A		6. CATEGORY CODE 000	7. PROJECT NUMBER 39978	8. PROJECT COST (\$000) Auth 6,000 Approp 6,000	
9. COST ESTIMATES					
ITEM			U/M	QUANTITY	UNIT COST
<u>PRIMARY FACILITY</u> Minor Construction Facilities			LS	--	-- 6,000 (6,000)
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST					6,000
CONTINGENCY PERCENT (.000%)					6,000
SUBTOTAL					6,000
SUPERVISION, INSPECTION & OVERHEAD (.000%)					6,000
TOTAL REQUEST					6,000
TOTAL REQUEST (ROUNDED)					(0)
INSTALLED EQT-OTHER APPROPRIATIONS					
10. Description of Proposed Construction Unspecified minor construction projects which have a funded cost of \$1,500,000 or less, including construction, alteration, or conversion of permanent or temporary facilities as authorized under Title 10 USC 2805. The funded cost limit is \$3,000,000 if the project is intended solely to correct a deficiency that is life-threatening, health threatening, or safety threatening.					
11. REQ: NONE ADQT: NONE SUBSTD: NONE PROJECT: Minor military construction, worldwide. REQUIREMENT: This line item is needed to provide for unspecified projects for which the need cannot reasonably be foreseen nor justified in time to be included in this Military Construction, Army program. CURRENT SITUATION: These urgent unforeseen projects address high national priorities such as critical mission requirements, environmental protection, health, and safety. These projects can not wait until the next annual budget submission. IMPACT IF NOT PROVIDED: The Army will be unable to respond to urgent, unforeseen military construction requirements that address high priority critical mission, life, health and safety, and environmental protection					

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Minor Construction, Minor Construction, Worldwide Various		
4. PROJECT TITLE Unspecified Minor Construction	5. PROJECT NUMBER 39978	
<p>IMPACT IF NOT PROVIDED: (CONTINUED)</p> <p>issues.</p> <p><u>ADDITIONAL:</u> Historical data on the Army's unforeseen urgent requirements supports a far higher funding level. However, due to extreme budget constraints, the level requested is considered the maximum affordable amount.</p>		

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Planning and Design Worldwide Various	4. COMMAND Planning and Design	5. AREA CONSTRUCTION COST INDEX 1.00

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	0	0	0	0	0	0	0	0	0	0
B. END FY 2003	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	9,200
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	4,400
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	13,600

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:			
CATEGORY	PROJECT	COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000) START COMPLETE
000	47059	Planning and Design	9,200
TOTAL			9,200

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
000	Planning and Design	4,400
TOTAL		4,400
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

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1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Planning and Design Planning and Design, Worldwide Various				4. PROJECT TITLE Planning and Design		
5. PROGRAM ELEMENT 91211A		6. CATEGORY CODE 000	7. PROJECT NUMBER 39974		8. PROJECT COST (\$000) Auth 43,477 Approp 43,477	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Planning & Design			LS	--	--	43,477 (43,477)
<u>SUPPORTING FACILITIES</u> 						
ESTIMATED CONTRACT COST CONTINGENCY PERCENT (.000%) SUBTOTAL SUPERVISION, INSPECTION & OVERHEAD (.000%) TOTAL REQUEST TOTAL REQUEST (ROUNDED) INSTALLED EQT-OTHER APPROPRIATIONS						43,477 43,477 43,477 43,477 (0)
10. Description of Proposed Construction This item provides for: parametric, concept, and final design of major and unspecified minor construction projects, value engineering, and the development of standards and criteria for Army facilities.						
11. REQ: NONE ADQT: NONE SUBSTD: NONE PROJECT: Planning and design funds. REQUIREMENT: This funding is required to provide design and engineering services for regular Military Construction, Army (MCA) and Unspecified Minor projects, including value engineering, and continued development of design criteria and standard (conventional functional layouts). This account is dissimilar to any other line item in the Army's MCA budget in that it is reflective of an operations expense, versus a defined scope of a single construction project. Funds will be used by the US Army Corps of Engineers (USACE) districts for in-house designs, Architect-Engineer (A-E) contracts, and administrative support functions. These funds are required for accomplishment of final correction, review, reproduction and advertisement of projects in the FY 1998 program; for advancement to final design of projects in FY 1999; for initiation of design of projects in FY 2000; and for						

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Planning and Design, Planning and Design, Worldwide Various		
4. PROJECT TITLE Planning and Design		5. PROJECT NUMBER 39974
<p><u>REQUIREMENT: (CONTINUED)</u></p> <p>initiation of pre-concept design activities for projects in FY 2001. The funds request for the annual planning and design requirement includes value engineering, the costs to update standards and criteria, guide specifications, technical manuals, and the cost to continue the Department of the Army (DA) Facility Standardization Program.</p>		

1. COMPONENT		FY 1998		MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY						31 JAN 1997	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
Planning and Design				Host Nation Support			
Planning and Design, Worldwide Various							
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
91211A		000		39976		Auth 20,000 Approp 20,000	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY							20,000
Host Nation Design				LS	--	--	(20,000)
SUPPORTING FACILITIES							
ESTIMATED CONTRACT COST							20,000
CONTINGENCY PERCENT (.000%)							
SUBTOTAL							20,000
SUPERVISION, INSPECTION & OVERHEAD (.000%)							
TOTAL REQUEST							20,000
TOTAL REQUEST (ROUNDED)							20,000
INSTALLED EQT-OTHER APPROPRIATIONS							(0)
10. Description of Proposed Construction This item provides for criteria development, design surveillance, and construction surveillance for projects funded by foreign nations where US Forces are the sole or primary user as authorized by 10 USC 2807.							
11. REQ: NONE ADQT: NONE SUBSTD: NONE							
PROJECT: Planning and design funds.							
REQUIREMENT: This funding is required to represent US interests during the planning, design, and construction of projects funded by foreign governments, when US Forces are sole or primary users. The Host Nation Support funds are required to assure that the facilities provided conform to the Services' operational and mission needs, and to US life safety criteria. The Army is the executive agent for the Department of Defense for Host Nation Construction in the Pacific. The programs in Korea and Japan are expected to remain at about the current levels, and provide nearly all the new construction in Japan, and much of the new construction in Korea. The US Army Corps of Engineers is responsible for providing the criteria, reviewing designs, and monitoring the construction. This effort costs approximately three percent of the Host Nation Support construction placement. The three parts of the Host Nation Support							

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Planning and Design, Planning and Design, Worldwide Various		
4. PROJECT TITLE Host Nation Support	5. PROJECT NUMBER 39976	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>effort are: Criteria Package Preparation - defines the functional requirements and specifies the health, fire, operational, functional, and life safety needs; Design Surveillance - ensures compliance with criteria packages, efficient operation and maintenance, and life safety, fire protection, and environmental compliance; Construction Surveillance - ensures conformance to design documents, reviews submittals, monitors construction phasing for users, and protects against latent deficiencies. Host Nation Support funds are also used to oversee Payment-in-Kind (PIK) projects in Europe.</p>		

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
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FEBRUARY 1997

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
SUMMARY

	(\$ in Thousands)
FY 1998 Program	\$1,291,937
FY 1997 Program	\$1,370,969

PURPOSE AND SCOPE

The Army Family Housing Program supports the operation, maintenance, leasing and construction of military family housing located world-wide.

PROGRAM SUMMARY

Authorization is requested for:

1. The performance of certain construction summarized hereafter, and
2. The appropriation of \$1,291,937,000 to fund
 - a. This construction; and
 - b. Certain other functions already authorized by law.

A summary of the Fiscal Year 1998 funding program follows:

CONSTRUCTION REQUEST	\$ 143,000
New Construction	\$88,650
Post Acquisition Construction	44,800
Advance Planning & Design	9,550

OPERATION AND MAINTENANCE REQUEST	\$1,148,937
Operation	180,756
Utilities	265,732
Maintenance of Real Property	468,393
Leasing - World-wide	234,053
Debt Reduction	0
Interest Payments	0
Mortgage Insurance Premiums	3

TOTAL FAMILY HOUSING APPROPRIATION REQUEST	\$1,291,937
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REIMBURSABLE PROGRAM	\$ 17,000
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TOTAL FAMILY HOUSING PROGRAM	\$1,308,937
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DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
ARMY FAMILY HOUSING
NEW CONSTRUCTION (PART IIA)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
Florida		SOUTHCOM Headquarters (USARSO)		
	45407	Family Housing New Construction	2,300	2,300
		SUBTOTAL SOUTHCOM Headquarters PART IIA	\$ 2,300	2,300
		* TOTAL AFH FOR Florida	\$ 2,300	2,300
Hawaii		Schofield Barracks (USARPAC)		
	39037	Family Housing Replacement Construction	26,600	26,600
		SUBTOTAL Schofield Barracks PART IIA	\$ 26,600	26,600
		* TOTAL AFH FOR Hawaii	\$ 26,600	26,600
Maryland		Fort Meade (MDW)		
	47939	Family Housing Replacement Construction	7,900	7,900
		SUBTOTAL Fort Meade PART IIA	\$ 7,900	7,900
		* TOTAL AFH FOR Maryland	\$ 7,900	7,900
North Carolina		Fort Bragg (FORSCOM)		
	43123	Family Housing Replacement Construction	3,350	3,350
	46875	Family Housing Replacement Construction	16,800	16,800
		SUBTOTAL Fort Bragg PART IIA	\$ 20,150	20,150
		* TOTAL AFH FOR North Carolina	\$ 20,150	20,150
Texas		Fort Bliss (TRADOC)		
	19972	Family Housing Replacement Construction	12,900	12,900
		SUBTOTAL Fort Bliss PART IIA	\$ 12,900	12,900
		Fort Hood (FORSCOM)		
	23495	Family Housing Replacement Construction	18,800	18,800

DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
ARMY FAMILY HOUSING
NEW CONSTRUCTION (PART IIA)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION
	NUMBER	PROJECT TITLE	REQUEST	REQUEST
		SUBTOTAL Fort Hood PART IIA	\$ 18,800	18,800
		* TOTAL AFH FOR Texas	\$ 31,700	31,700
		** TOTAL INSIDE THE UNITED STATES FOR AFH	\$ 88,650	88,650
		MILITARY CONSTRUCTION (PART IIA) TOTAL	\$ 88,650	88,650

DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
ARMY FAMILY HOUSING
POST ACQUISITION (PART IIB)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
Georgia	38788	Fort Benning (TRADOC) Family Housing Improvements	13,000	13,000
		SUBTOTAL Fort Benning PART IIB	\$ 13,000	13,000
		* TOTAL AFH FOR Georgia	\$ 13,000	13,000
Kansas	41700	Fort Riley (FORSCOM) Family Housing Improvements	7,900	7,900
		SUBTOTAL Fort Riley PART IIB	\$ 7,900	7,900
		* TOTAL AFH FOR Kansas	\$ 7,900	7,900
New Jersey	3033	Fort Monmouth (AMC) Family Housing Improvements	5,100	5,100
		SUBTOTAL Fort Monmouth PART IIB	\$ 5,100	5,100
		* TOTAL AFH FOR New Jersey	\$ 5,100	5,100
		** TOTAL INSIDE THE UNITED STATES FOR AFH	\$ 26,000	26,000

DEPARTMENT OF THE ARMY
FISCAL YEAR 1998
ARMY FAMILY HOUSING
POST ACQUISITION (PART IIB)
(DOLLARS ARE IN THOUSANDS)
OUTSIDE THE UNITED STATES

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
	NUMBER	PROJECT TITLE		
Germany		Germany Various (USAREUR)		
		Germany Various		
	42146	Family Housing Improvements	5,200	5,200
	45124	Family Housing Improvements	5,300	5,300
	45735	Family Housing Improvements	8,300	8,300
		SUBTOTAL Germany Various PART IIB	\$ 18,800	18,800
		* TOTAL AFH FOR Germany	\$ 18,800	18,800
		** TOTAL OUTSIDE THE UNITED STATES FOR AFH	\$ 18,800	18,800
		MILITARY CONSTRUCTION (PART IIB) TOTAL	\$ 44,800	44,800

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
AUTHORIZATION AND APPROPRIATION LANGUAGE

AUTHORIZATION LANGUAGE

SEC. 2102. FAMILY HOUSING

(a) CONSTRUCTION AND ACQUISITION.--Using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may construct or acquire family housing units (including land acquisition) at the installations, for the purposes, and in the amounts set forth in the following table:

Army: Family Housing

State	Installation	Purpose	Amount
Florida	Miami	8 units	2,300,000
Hawaii	Schofield Barracks	132 units	26,600,000
Maryland	Fort Meade	56 units	7,900,000
North Carolina	Fort Bragg	32 units	3,350,000
	Fort Bragg	142 units	16,800,000
Texas	Fort Bliss	91 units	12,900,000
	Fort Hood	130 units	18,800,000
		Total	\$88,650,000

(b) PLANNING AND DESIGN.-- Using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may carry out architectural and engineering services and construction design activities with respect to the construction or improvement of family housing units in an amount not to exceed [\$2,963,000] \$9,550,000.

SEC. 2103. IMPROVEMENTS TO MILITARY FAMILY HOUSING UNITS.

Subject to section 2835 of title 10, United States Code, and using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may improve existing military family housing in an amount not to exceed [\$105,350,000] \$44,800,000.

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
AUTHORIZATION AND APPROPRIATION LANGUAGE (Continued)

SEC. 2104. AUTHORIZATION OF APPROPRIATIONS, ARMY.

(a) IN GENERAL.

(5) For military family housing functions:

(A) For construction and acquisition, planning and design, and improvements of military family housing and facilities, [\$158,503,000] \$143,000,000.

(B) For support of military family housing (including the functions described in section 2833 of title 10, United States Code), [\$1,212,466,000] \$1,148,937,000.

APPROPRIATION LANGUAGE

For expenses of family housing for the Army for construction, including acquisition, replacement, addition, expansion, extension, and alteration, and for operation and maintenance, including debt payment, leasing, minor construction, principal and interest charges, and insurance premiums, as authorized by law, as follows: for Construction [\$158,503,000] \$143,000,000, to remain available until [September 30, 2001] September 30, 2002; for Operation and Maintenance, and for debt payment [\$1,212,466,000] \$1,148,937,000; in all [\$1,370,969,000] \$1,291,937,000.

Family Housing Construction, Army
Program and Financing (in Thousands of dollars)

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SUMMARY

Budget Plan (amounts for FAMILY
HOUSING actions programmed)

Identification code	21-7020-0-1-051	1996 actual	1997 est.	1998 est.	1999 est.
Program by activities:					
Direct program:					
01.0101	Construction of new housing	68,400	50,190	88,650	81,000
01.0201	Post-Acquisition Construction	48,856	105,350	44,800	49,650
01.0301	Planning and design	2,000	2,963	9,550	7,250
01.9101	Total direct program	119,256	158,503	143,000	137,900
10.0001	Total	119,256	158,503	143,000	137,900
Financing:					
17.0001	Recovery of prior year obligations				
	Unobligated balance available, start of year:				
21.4002	For completion of prior year budget plans	-2,153			
21.4009	Reprogramming from/to prior year budget plans	2,000			
22.1001	Unobligated balance transferred to other accounts	-2,000			
22.2001	Unobligated balance transferred from other accounts (-)				
	Unobligated balance available, end of year:				
24.4002	For completion of prior year budget plans	1,153			
25.0001	Unobligated balance expiring				
39.0001	Budget authority	118,256	158,503	143,000	137,900
	Budget authority:				
40.0001	Appropriation	116,656	158,503	143,000	137,900
42.0001	Transferred from other accounts	1,600			
43.0001	Appropriation (adjusted)	118,256	158,503	143,000	137,900
	Relation of obligations to outlays:				
71.0001	Obligations incurred				
72.4001	Obligated balance, start of year				
74.4001	Obligated balance, end of year				
77.0001	Adjustments in expired accounts (net)				
78.0001	Adjustments in unexpired accounts				
90.0001	Outlays (net)				

Obligations

Identification code	21-7020-0-1-051	1996 actual	1997 est.	1998 est.	1999 est.
Program by activities:					
Direct program:					
01.0101	Construction of new housing	76,207	62,302	87,112	82,457
01.0201	Post-Acquisition Construction	71,909	98,446	55,246	53,775
01.0301	Planning and design	6,856	3,599	8,173	10,424
01.9101	Total direct program	154,972	164,347	150,531	146,656
10.0001	Total	154,972	164,347	150,531	146,656
Financing:					
17.0001	Recovery of prior year obligations	-23,558			
21.4002	Unobligated balance available, start of year:				
21.4009	For completion of prior year budget plans	-94,500	-80,188	-74,344	-66,813
22.1001	Reprogramming from/to prior year budget plans	2,000			
22.2001	Unobligated balance transferred to other accounts	-2,000			
24.4002	Unobligated balance transferred from other accounts (-)	80,188	74,344	66,813	58,057
25.0001	Unobligated balance available, end of year:	1,153			
39.0001	For completion of prior year budget plans				
40.0001	Unobligated balance expiring	118,256	158,503	143,000	137,900
42.0001	Budget authority				
43.0001	Budget authority:				
44.0001	Appropriation	116,656	158,503	143,000	137,900
45.0001	Transferred from other accounts	1,600			
46.0001	Appropriation (adjusted)	118,256	158,503	143,000	137,900
Relation of obligations to outlays:					
71.0001	Obligations incurred	154,972	164,347	150,531	146,656
72.4001	Obligated balance, start of year	370,010	257,242	270,574	298,343
74.4001	Obligated balance, end of year	-257,242	-270,574	-298,343	-315,492
77.0001	Adjustments in expired accounts (net)	381			
78.0001	Adjustments in unexpired accounts	-23,558			
90.0001	Outlays (net)	244,563	151,015	122,762	129,507

Family Housing Construction, Army
Object Classification (in Thousands of dollars) SUMMARY

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Identification code	21-7020-0-1-051	1996 actual	1997 est.	1998 est.	1999 est.
Direct obligations:					
121.001	Travel and transportation of persons	74	78	63	67
123.301	Communications, utilities, and miscellaneous charges	7	7	6	6
124.001	Printing and reproduction	17	18	15	16
125.201	Other services with the private sector	13,808	14,393	11,598	12,406
126.001	Supplies and materials	6	6	5	5
132.001	Land and structures	141,060	149,845	138,844	134,156
199.001	Total Direct obligations	154,972	164,347	150,531	146,656
999.801	Total obligations	154,972	164,347	150,531	146,656

Family Housing Operations & Debt, Army
Program and Financing (in Thousands of dollars)

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TPGE 1071

Identification code	21-7025-0-1-051	1996 actual	1997 est.	1998 est.	1999 est.
Program by activities:					
Direct program:					
02.0101	Operating expenses	451,215	459,051	446,488	452,849
02.0201	Leasing	220,863	227,515	234,053	241,458
02.0301	Maintenance of real property	666,501	525,893	468,393	423,698
02.0401	Interest payments	11	7	3	3
02.9101	Total direct program	1,338,590	1,212,466	1,148,937	1,118,008
03.0101	Reimbursable Program	15,451	21,000	17,000	17,000
10.0001	Total obligations	1,354,041	1,233,466	1,165,937	1,135,008
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	-2,922	-7,140	-5,780	-5,780
14.0001	Non-Federal sources(-)	-12,529	-13,860	-11,220	-11,220
22.2001	Unobligated balance transferred from other accounts (-)	-37,009			
25.0001	Unobligated balance expiring	10,177			
40.0001	Budget authority (Appropriation)	1,311,759	1,212,466	1,148,937	1,118,008
Relation of obligations to outlays:					
71.0001	Obligations incurred	1,338,590	1,212,466	1,148,937	1,118,008
72.1001	Orders on hand, SOY	-3,656	-3,374	-3,374	-3,374
72.4001	Obligated balance, start of year	283,847	538,418	346,903	335,526
74.1001	Orders on hand, EOY	3,374	3,374	3,374	3,374
74.4001	Obligated balance, end of year	-538,418	-346,903	-335,526	-328,444
77.0001	Adjustments in expired accounts (net)	-15,853			
90.0001	Outlays (net)	1,067,884	1,403,981	1,160,314	1,125,090

Family Housing Operations & Debt, Army
Object Classification (in Thousands of dollars)

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TPGE 1072

Identification code	21-7025-0-1-051	1996 actual	1997 est.	1998 est.	1999 est.
Direct obligations:					
Personnel compensation:					
111.101 Full-time permanent		24,071	26,604	25,136	26,413
111.301 Other than full-time permanent		3,963	5,734	6,601	6,994
111.501 Other personnel compensation		1,794	1,826	1,714	1,814
111.901 Total personnel compensation		29,828	34,164	33,451	35,221
Personnel Benefits: Civilian personnel					
112.101 Benefits for former personnel		8,071	9,284	9,305	9,751
113.001 Travel and transportation of persons		376	250	87	89
121.001 Transportation of things		2,172	2,219	2,156	2,094
122.001 Rental payments to GSA		5,270	9,009	8,754	8,500
123.101 Rental payments to others		794	1,399	1,360	1,320
123.201 Communications, utilities, and miscellaneous charges		143,264	173,655	168,741	163,842
123.301 Printing and reproduction		91,855	100,572	97,726	94,889
124.001 Advisory and assistance services		180	113	110	107
125.101 Other services with the private sector		318	4,716	4,788	4,613
Purchases goods/services (inter/intra) Fed accounts					
128.201 Purchase of goods/services from other Fed agencies		469,878	389,411	383,604	352,148
129.301 Payments to foreign national indirect hire personnel		401,874	332,819	310,953	301,019
125.302 Purchases from revolving funds		20,784	20,815	21,912	22,393
125.303 Contract O&M of facilities including GOCOS		3,433	2,845	2,658	2,573
125.401 Contract O&M of equip. including ADP hard/software		543	450	420	407
125.701 Contract for subsistence and support of persons		16,433	13,616	12,721	12,315
125.801 Supplies and materials		116,891	96,854	90,490	87,599
126.001 Equipment		13,089	14,004	13,608	13,212
131.001 Land and structures		13,616	6,261	6,083	5,907
132.001 Interest and dividends		101			
143.001 Total Direct obligations		20	10	10	9
199.001 Reimbursable obligations:					
Personnel Compensation:					
211.101 Full-time permanent		47			
211.901 Total personnel compensation		47			
Personnel Benefits: Civilian Personnel					
212.101 Travel and transportation of persons			2	2	2
221.001 Rental payments to GSA			1	1	1
223.101 Rental payments to others		3			
223.201 Communications, utilities, and miscellaneous charges		430	4,663	3,770	3,769
223.301 Other services with the private sector		956			
225.201 Purchases goods/services (inter/intra) Fed accounts		6,929	14,981	12,116	12,113

Family Housing Operations & Debt, Army
Object Classification (in Thousands of dollars)

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TPGE 1073

Identification code	21-7025-0-1-051	1996 actual	1997 est.	1998 est.	1999 est.
225.301	Purchase of goods/services from other Fed agencies	5,306			
225.302	Payments to foreign national indirect hire personnel		182	164	168
225.303	Purchases from revolving funds	258			
225.701	Contract O&M of equip. including ADP hard/software	27			
225.801	Contract for subsistence and support of persons	1,475	59	48	48
226.001	Supplies and materials	20	1,112	899	899
231.001	Equipment				
299.001	Total Reimbursable obligations	15,451.	21,000	17,000	17,000
999.901	Total obligations	1,354,041	1,233,466	1,165,937	1,135,008

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
NEW CONSTRUCTION

	(\$ in Thousands)
FY 1998 Program	\$88,650
FY 1997 Program	\$50,190

PURPOSE AND SCOPE

This program provides for acquiring new housing and replacing housing where analysis indicates it will be more economical to replace rather than renovate existing housing. Project cost estimates include site preparation, demolition, construction, and initial outfitting with fixtures and integral equipment, along with associated facilities such as roads, driveways, walks, utility systems, solar energy systems, and community facilities.

PROGRAM SUMMARY

Authorization is requested in FY 1998 for:

1. Construction of 583 family housing units to replace 779 units which are not economical to revitalize and which will be demolished; and purchase or construction of eight new units.

2. Appropriation in the amount of \$88,650,000 (includes \$8,393,000 for demolition) to fund the purchase or construction of 591 family housing units and demolition of 779 existing family housing units.

FEBRUARY 1997

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
NEW CONSTRUCTION (Continued)

A summary of the requested new construction funding program for FY 1998 follows:

<u>Location</u>	<u>Mission</u>	<u>Number of Units</u>		<u>Amount</u>
		<u>Constr.</u>	<u>Demolished</u>	<u>(\$000)</u>
New:				
Miami, FL	New	8	0	\$ 2,300
Replacement:				
Schofield Barracks, HI	Current	132	132	26,600
Ft. Meade, MD	Current	56	56	7,900
Ft. Bragg, NC	Current	32	32	3,350
Ft. Bragg, NC	Current	142	142	16,800
Ft. Bliss, TX	Current	91	287	12,900
Ft. Hood, TX	Current	<u>130</u>	<u>130</u>	<u>18,800</u>
TOTAL		591	779	\$88,650

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM				2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION SOUTHCOM Headquarters Florida			4. COMMAND U.S. Army South			5. AREA CONSTRUCTION COST INDEX 0.96

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	365	270	245	0	0	0	0	0	0	880
B. END FY 2003	426	396	298	0	0	0	0	0	0	1,120

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	2,300
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	2,300

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:				
CATEGORY PROJECT			COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
711	45407	Family Housing New Construction	2,300	TURNKEY
TOTAL			2,300	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
To provide strategic and operational command and control of assigned U.S. land, sea and air forces within the Southern Command area of responsibility.	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY		FY 1998		MILITARY CONSTRUCTION PROJECT DATA		2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION SOUTHCOM Headquarters, Florida				4. PROJECT TITLE Family Housing New Construction			
5. PROGRAM ELEMENT 88741A		6. CATEGORY CODE 711		7. PROJECT NUMBER 45407		8. PROJECT COST (\$000) Auth 2,300 Approp 2,300	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY							1,331
Family Housing, CINC (O-10)				FA	1	208,000	(208)
Family Housing, DCINC (O-9)				FA	1	182,000	(182)
Family Housing, GFOQ				FA	3	156,000	(468)
Family Housing, SR OFF				FA	2	156,000	(312)
Family Housing, SRNCO				FA	1	156,000	(156)
Building Information Systems				LS	--	--	(5)
SUPPORTING FACILITIES							755
Electric Service				LS	--	--	(50)
Water, Sewer, Gas				LS	--	--	(80)
Paving, Walks, Curbs And Gutters				LS	--	--	(170)
Storm Drainage				LS	--	--	(40)
Site Imp(410) Demo()				LS	--	--	(410)
Information Systems				LS	--	--	(5)
ESTIMATED CONTRACT COST							2,086
CONTINGENCY PERCENT (5.00%)							104
SUBTOTAL							2,190
SUPERVISION, INSPECTION & OVERHEAD (6.00%)							131
TOTAL REQUEST							2,321
TOTAL REQUEST (ROUNDED)							2,300
INSTALLED EQT-OTHER APPROPRIATIONS							(0)
10. Description of Proposed Construction Construct or purchase 8 family housing quarters in support of the relocation of US SOUTHERN COMMAND (SOUTHCOM) Headquarters from Panama to Miami, Florida. Dwelling units will be occupied by key and essential senior staff members consisting of the CINC, DCINC, three general officers, two senior officer (O-6) and one senior noncommissioned officer (E-9). If cost effective, existing houses will be purchased in lieu of construction (including option to purchase houses under lease). The common requirements for this command group include gated communities with security and exterior lighting. The CINC and DCINC require 4-bedroom, 3-bath, 2-car garage homes to include intrusion detection with duress alarm and building intercoms. The remaining officers also require 4-bedroom, 3-bath, 2-car garage homes and the E-9 a 3-bedroom, 2-bath, 2-car garage home. The size of the homes will range from 2,400 net square feet (NSF) to over 3,000 NSF. For operational purposes, the command group must also be located as close as possible to the headquarters. Construction will be on a new site requiring purchase of land. The project will provide variously configured single family houses including all kitchen appliances (three units require commercial grade appliances), hard wired interconnected smoke detectors and a central heating, ventilating and air conditioning systems. Supporting facilities include underground utilities,							

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 1997
3. INSTALLATION AND LOCATION SOUTHCOM Headquarters, Florida		
4. PROJECT TITLE Family Housing New Construction	5. PROJECT NUMBER 45407	
<p><u>DESCRIPTION OF PROPOSED CONSTRUCTION:</u> (CONTINUED)</p> <p>street lights, underground information systems, paving, guest parking, walks, curbs and gutters and landscaping. At least three units will have the first floor bathrooms configured for handicapped access.</p>		
<p><u>PROJECT:</u> Construct or purchase 8 family quarters for five General Officers (including the CINC and DCINC), two senior officer and one senior noncommissioned officer in support of SOUTHCOM headquarters relocation from Panama to Miami, Florida. (New Mission)</p> <p><u>REQUIREMENT:</u> This project is required to provide new family housing for the key and essential staff members of SOUTHCOM headquarters command group who are being relocated from Panama. This housing must be grouped together, provided with appropriate security, adequately sized to permit the CINC to accomplish protocol and diplomatic duties and located in close proximity to the new SOUTHCOM headquarters.</p> <p><u>CURRENT SITUATION:</u> SOUTHCOM headquarters is relocating from Panama to Miami, Florida, which will preclude continued use of existing family quarters. Adequate family housing for the senior key and essential staff members will be required at the Command's new location. All eight of these family quarters must be located in close proximity to one another and to the new command headquarters facility in order to permit the occupants to fulfill mission requirements and responsibilities.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, adequate family housing will not be available near the new command headquarters for the senior key and essential staff members of SOUTHCOM. This will have a direct adverse impact on the ability of the CINC to accomplish protocol and diplomatic duties in support of the SOUTHCOM area of responsibility, and will impair the effectiveness of command oversight and accomplishment of mission requirements.</p> <p><u>ADDITIONAL:</u> This project is being coordinated with SOUTHCOM's physical security plan to determine the requirement for any physical security and/or combatting terrorism (CBT/T) measures. This project will comply with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 2 October 1995. If existing housing is purchased in lieu of construction, all such housing will be in compliance with local building codes.</p>		
<p style="text-align: center;">Installation Engineer: Colonel William Throop Phone Number: 011/507/285-4467</p>		

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT February 1997	2. FISCAL YEAR 1998	REPORT CONTROL SYMBOL P&L (AR) 1716			
3. DOD COMPONENT ARMY		4. REPORTING INSTALLATION							
5. DATA AS OF		a. NAME SOUTHCOM HQ			b. LOCATION MIAMI FL				
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		365	65	205	635	426	95	301	822
7. PERMANENT PARTY PERSONNEL		365	65	205	635	426	95	301	822
8. GROSS FAMILY HOUSING REQUIREMENTS		220	40	123	383	257	58	180	495
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)		21	12	30	63				
a. INVOLUNTARILY SEPARATED					0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED					0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY		21	12	30	63				
10. VOLUNTARY SEPARATIONS					0				0
11. EFFECTIVE HOUSING REQUIREMENTS		220	40	123	383	257	58	180	495
12. HOUSING ASSETS (a + b)		199	28	93	320	234	45	146	425
a. UNDER MILITARY CONTROL		0	0	0	0	0	0	0	0
(1) Housed in Existing DOD Owned/Controlled					0				0
(2) Under Contract / Approved									0
(3) Vacant					0				
(4) Inactive					0				
b. PRIVATE HOUSING		199	28	93	320	234	45	146	425
(1) Acceptably Housed		199	28	93	320				
(2) Acceptable Vacant Rental					0				
13. EFFECTIVE HOUSING DEFICIT		21	12	30	63	23	13	34	70
14. PROPOSED PROJECT						7	1		8
15. REMARKS (Specify item number)									
Line 14: Proposed project acquires 8 family housing units for Key and Essential personnel in support of the relocation of US Southern Command Headquarters from Panama to Miami, Florida.									
<p>General Officer 5 4 Bedroom Units</p> <p>Senior Officer 2 4 Bedroom Units</p> <p>Senior NCO 1 3 Bedroom Unit</p>									

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM				2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Schofield Barracks Hawaii		4. COMMAND US Army Pacific			5. AREA CONSTRUCTION COST INDEX 1.73	

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	2217	12652	4321	18	98	0	158	1358	4131	24,953
B. END FY 2003	2189	12903	4413	26	102	0	165	1385	4114	25,297

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	5,517 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	359,600
C. AUTHORIZATION NOT YET IN INVENTORY.....	91,649
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	26,600
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	21,700
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	60,600
H. GRAND TOTAL.....	560,149

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:			
CATEGORY	PROJECT	COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000) START COMPLETE
711	39037	Family Housing Replacement Construction	26,600 TURNKEY
		TOTAL	26,600

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
711	Family Housing Replacement Construction	21,700
		TOTAL
		21,700
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
<p>The primary mission of Schofield Barracks is to sustain the readiness status of the 25th Infantry Division. Schofield Barracks is one of the primary family housing sites for Army personnel, and also provides administration, unaccompanied housing, support and training facilities for the Army in Hawaii.</p>	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Schofield Barracks, Hawaii				4. PROJECT TITLE Family Housing Replacement Construction		
5. PROGRAM ELEMENT 88741A		6. CATEGORY CODE 711	7. PROJECT NUMBER 39037		8. PROJECT COST (\$000) Auth 26,600 Approp 26,600	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY						19,217
Construct Family Housing (132)			FA	132	144,894	(19,126)
Building Information Systems			LS	--	--	(91)
SUPPORTING FACILITIES						4,593
Electric Service			LS	--	--	(673)
Water, Sewer, Gas			LS	--	--	(633)
Paving, Walks, Curbs And Gutters			LS	--	--	(391)
Storm Drainage			LS	--	--	(477)
Site Imp(929) Demo(1,324)			LS	--	--	(2,253)
Information Systems			LS	--	--	(166)
ESTIMATED CONTRACT COST						23,810
CONTINGENCY PERCENT (5.00%)						1,191
SUBTOTAL						25,001
SUPERVISION, INSPECTION & OVERHEAD (6.50%)						1,625
TOTAL REQUEST						26,626
TOTAL REQUEST (ROUNDED)						26,600
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10. Description of Proposed Construction Whole neighborhood revitalization by demolishing 132 junior enlisted family quarters constructed in 1948 and 1964 that are uneconomical to revitalize and constructing 132 replacement units built to current standards. Replacement construction consists of variously configured one or two story multi-family units at Schofield Barracks. Dwelling units will be factory built/manufactured houses and/or conventionally on-site constructed houses. The design includes wood frame construction, brick veneer, stucco or prefinished siding. Each unit shall be provided with one covered and one uncovered parking stall. The project will include required utilities services, paving, walks, site improvements, information systems, and landscaping. Passive solar energy conservation measures will be included if cost effective. Project will provide all appliances and equipment for functional living units. Fire protection systems shall be provided. Demolish twenty-three buildings (102,948 SF). At least five percent of the quarters will be constructed such that they will be accessible and easily modifiable to accommodate the requirements of the handicapped.						

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 1997																												
3. INSTALLATION AND LOCATION Schofield Barracks, Hawaii																														
4. PROJECT TITLE Family Housing Replacement Construction	5. PROJECT NUMBER 39037																													
<p>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade</th> <th style="text-align: center;">No of Bedrooms</th> <th style="text-align: center;">Net Area (SQ M)</th> <th style="text-align: center;">Project Factor</th> <th style="text-align: center;">Unit Cost</th> <th style="text-align: center;">No of Units</th> <th style="text-align: center;">Total \$(000)</th> </tr> </thead> <tbody> <tr> <td>JRENL</td> <td style="text-align: center;">3</td> <td style="text-align: center;">111.5</td> <td style="text-align: center;">1.68</td> <td style="text-align: center;">744</td> <td style="text-align: center;">90</td> <td style="text-align: center;">12,543</td> </tr> <tr> <td>JRENL</td> <td style="text-align: center;">4</td> <td style="text-align: center;">125.4</td> <td style="text-align: center;">1.68</td> <td style="text-align: center;">744</td> <td style="text-align: center;">42</td> <td style="text-align: center;">6,583</td> </tr> <tr> <td colspan="5" style="text-align: right;">Total</td> <td style="text-align: center;">132</td> <td style="text-align: center;">19,126</td> </tr> </tbody> </table>			Grade	No of Bedrooms	Net Area (SQ M)	Project Factor	Unit Cost	No of Units	Total \$(000)	JRENL	3	111.5	1.68	744	90	12,543	JRENL	4	125.4	1.68	744	42	6,583	Total					132	19,126
Grade	No of Bedrooms	Net Area (SQ M)	Project Factor	Unit Cost	No of Units	Total \$(000)																								
JRENL	3	111.5	1.68	744	90	12,543																								
JRENL	4	125.4	1.68	744	42	6,583																								
Total					132	19,126																								
<p>PROJECT: Whole neighborhood revitalization by replacement of 132 junior enlisted family housing quarters at Schofield Barracks including demolition of 132 existing units. (Current Mission)</p> <p>REQUIREMENT: This project is required to improve existing family housing living conditions for junior enlisted personnel and their families by providing quarters that meet current standards of quality of life, energy conservation, size, habitability and safety. Existing units are deteriorated to the extent that they cannot be economically renovated to current standards.</p> <p>CURRENT SITUATION: Living spaces in these units do not meet current standards of comfort, size and habitability. These undersized two, three and four bedroom units respectively include one bathroom and 79.0 net square meters (NSM), 1.5 baths and 98.2 NSM, and 1.5 baths and 109.0 NSM. The living, dining, kitchen, bedrooms, and bathroom area require extensive repairs and redesign. Electrical service is overloaded and does not meet current standards. The incandescent lighting is poor and not energy efficient. The kitchen and bathroom fixtures and facilities are deteriorated and require replacement. The existing site has limited available parking spaces and carports. On-street parking is overcrowded, making most streets accessible only to one-way traffic and posing a safety hazard to children at play. The sewer lines are old and deteriorated and also require replacement.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, the quarters will continue to deteriorate, causing maintenance and energy costs to accelerate. Service members will continue to reside in inadequate quarters which adversely affects the health, safety and quality of life of these enlisted personnel and their families.</p> <p>ADDITIONAL: This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria" that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 2 October 1995. The life cycle cost analysis shows replacement construction to be more cost effective than all other feasible alternatives. This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required.</p> <p style="text-align: right;">Installation Engineer: Colonel Dennis J. Fontana Phone Number: 808/656-1289</p>																														

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT February 1997	2. FISCAL YEAR 1998	REPORT CONTROL SYMBOL P&L (AR) 1716			
3. DOD COMPONENT ARMY		4. REPORTING INSTALLATION							
5. DATA AS OF		a. NAME US Army Oahu, Hawaii			b. LOCATION Honolulu HI 96858-5000				
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		2,393	11,879	2,229	16,501	2,380	12,117	2,273	16,770
7. PERMANENT PARTY PERSONNEL		2,375	11,804	2,215	16,394	2,354	12,039	2,258	16,651
8. GROSS FAMILY HOUSING REQUIREMENTS		1,662	8,895	677	11,234	1,647	9,071	690	11,408
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)		52	396	0	448				
a. INVOLUNTARILY SEPARATED					0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED					0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY		52	396		448				
10. VOLUNTARY SEPARATIONS		79	364	73	516	79	372	74	525
11. EFFECTIVE HOUSING REQUIREMENTS		1,583	8,531	604	10,718	1,568	8,699	616	10,883
12. HOUSING ASSETS (a + b)		1,531	8,135	604	10,270	1,541	8,325	616	10,482
a. UNDER MILITARY CONTROL		1,161	5,940	570	7,671	1,161	5,940	570	7,671
(1) Housed in Existing DOD Owned/Controlled		1,161	5,940	570	7,671	1,161	5,940	570	7,671
(2) Under Contract / Approved								0	0
(3) Vacant					0				
(4) Inactive					0				
b. PRIVATE HOUSING		370	2,195	34	2,599	380	2,385	46	2,811
(1) Acceptably Housed		370	2,195	34	2,599				
(2) Acceptable Vacant Rental					0				
13. EFFECTIVE HOUSING DEFICIT		52	396	0	448	27	374	0	401
14. PROPOSED PROJECT							132		132
15. REMARKS (Specify item number)									
Line 14: This project demolishes 132 uneconomical to revitalize units and replaces them with 132 Junior Enlisted units. There is no net change to the inventory as a result of this project.									
Junior Enlisted 42 4 Bedroom Units 90 3 Bedroom Units									

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 1997
3. INSTALLATION AND LOCATION Fort Meade Maryland	4. COMMAND Military District of Washington	5. AREA CONSTRUCTION COST INDEX 1.03

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	791	3010	1897	58	507	16	1435	6218	24201	38,133
B. END FY 2003	794	3170	1581	68	577	12	1433	5912	24193	37,740

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	2,220 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	278,336
C. AUTHORIZATION NOT YET IN INVENTORY.....	24,984
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	7,900
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	11,000
H. GRAND TOTAL.....	322,220

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:				
CATEGORY	PROJECT	COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
711	47939	Family Housing Replacement Construction	7,900	TURNKEY
TOTAL			7,900	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST
CODE		(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
Provide leadership in base operations supporting tenant activities which includes all services, Department of Defense activities and Federal agencies. Provide for the quality of life of the service members and families, civilian workforce and retirees within the Fort Meade community.	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 1997
<div style="display: flex; justify-content: space-between;"> INSTALLATION AND LOCATION: Fort Meade Maryland </div>		
<p>REMARKS :</p> <p>SECTION 3 ARMY FAMILY HOUSING: 14 JAN 1997 The estimated cost to remedy deficiencies to a C-1 status in all existing permanent and semi-permanent family housing facilities at this installation is \$95,879,000 based on the Installation Status Report (ISR) information on facilities conditions as of May 1996.</p>		

1. COMPONENT ARMY		FY 1998		MILITARY CONSTRUCTION PROJECT DATA		2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Fort Meade, Maryland				4. PROJECT TITLE Family Housing Replacement Construction			
5. PROGRAM ELEMENT 88741A		6. CATEGORY CODE 711		7. PROJECT NUMBER 47939		8. PROJECT COST (\$000) Auth 7,900 Approp 7,900	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							4,876
Replace 56 Family Quarters				FA	56	86,636	(4,852)
Building Information Systems				LS	--	--	(24)
<u>SUPPORTING FACILITIES</u>							2,257
Electric Service				LS	--	--	(265)
Water, Sewer, Gas				LS	--	--	(302)
Paving, Walks, Curbs And Gutters				LS	--	--	(574)
Storm Drainage				LS	--	--	(191)
Site Imp(463) Demo(420)				LS	--	--	(883)
Information Systems				LS	--	--	(42)
ESTIMATED CONTRACT COST							7,133
CONTINGENCY PERCENT (5.00%)							357
SUBTOTAL							7,490
SUPERVISION, INSPECTION & OVERHEAD (6.00%)							449
TOTAL REQUEST							7,939
TOTAL REQUEST (ROUNDED)							7,900
INSTALLED EQT-OTHER APPROPRIATIONS							(0)
10. Description of Proposed Construction Whole neighborhood revitalization by demolition of 56 junior enlisted Capehart quarters constructed in 1959 which are uneconomical to revitalize, and construction of 56 replacement units. Replacement construction will be on a new site and consist of variously configured multi-units and/or single structures. The new dwelling units will be factory built or manufactured houses and/or conventionally on-site constructed houses. The design will include wood frame construction, brick veneer, stucco or prefinished siding. The units will be heated and air conditioned, and include all required utility services, paving, walks, landscaping, recreation facilities and site improvements. Project will provide appliances, washer and dryer connections, garbage disposal, water heater, hard wired interconnected smoke detectors, telephone and cable TV systems. Supporting facility work includes site preparation, utilities with master meters, cable TV and telephone distribution, roads, walks, parking, tot lots, athletic facilities, perimeter fencing and landscaping. All units will include patios, garages with bulk storage, privacy screens and refuse container enclosures. At least ten percent of the quarters will be accessible and easily modifiable to accommodate the requirements of the handicapped.							

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Fort Meade, Maryland						
4. PROJECT TITLE Family Housing Replacement Construction					5. PROJECT NUMBER 47939	
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)						
Grade	Bedrooms	Net Area (SQ M)	Project Factor	Unit Cost	No. Units	(\$000) Total
JRENL	3	111.5	1.03	722	36	2,985
JRENL	4	125.4	1.03	722	20	1,865
TOTAL					56	4,850
<p>PROJECT: Whole neighborhood revitalization by replacement of 56 junior enlisted Capehart family housing units with 56 three and four bedroom units to include neighborhood amenities and supporting infrastructure. (Current Mission)</p> <p>REQUIREMENT: This project is required to improve existing living conditions for junior noncommissioned officer family quarters, neighborhood amenities and supporting infrastructure by providing quarters that meet current standards of quality of life, energy conservation, size, habitability and safety. Existing units are deteriorated to the extent that they cannot be economically improved to meet current standards.</p> <p>CURRENT SITUATION: The existing housing area consists of two-story, Capehart, wood frame dwellings with brick veneer on the front lower level and vinyl siding elsewhere. The units consist of two bedroom units at 82.5 net square meters (NSM), three bedroom units at 96.5 NSM and four bedroom units at 113.4 NSM. In addition to being undersized, the interiors of these units, including utility systems, have worn out and need remodeling or upgrade. Kitchens do not have adequate storage, garbage disposal, dish washers, exhaust hoods or an eat in area, and provide the only space for a washer and dryer. The two and three bedroom units lack first floor bathrooms while four bedroom units have only one and one half baths. The outside storage shed has passed its useful life. Sidewalks leading to each unit are narrow, broken and deteriorated. Neighborhood recreation facilities are totally inadequate. Parking space is lacking, causing congestion and presenting a safety hazard for children at play.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, service members will continue to reside in inadequate housing which will continue to deteriorate. This adversely affects the health, safety and quality of life of these junior enlisted families. Maintenance and energy costs will continue to accelerate, and the President's energy reduction goal will not be met.</p> <p>ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combating terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 2 October 1995. The life cycle cost analysis shows replacement construction to be more cost effective than</p>						

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT February 1997	2. FISCAL YEAR 1998	REPORT CONTROL SYMBOL P&L (AR) 1716			
3. DOD COMPONENT ARMY		4. REPORTING INSTALLATION							
5. DATA AS OF		a. NAME Fort Meade A24355			b. LOCATION Odenton MD 20755				
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		2,284	9,348	387	12,019	2,295	9,275	384	11,954
7. PERMANENT PARTY PERSONNEL		2,226	8,873	368	11,467	2,228	8,741	362	11,331
8. GROSS FAMILY HOUSING REQUIREMENTS		1,681	6,165	114	7,960	1,683	6,073	113	7,869
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)		256	875	0	1,131				
a. INVOLUNTARILY SEPARATED					0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED					0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY		256	875		1,131				
10. VOLUNTARY SEPARATIONS		84	349	0	433	84	344	0	428
11. EFFECTIVE HOUSING REQUIREMENTS		1,597	5,816	114	7,527	1,599	5,729	113	7,441
12. HOUSING ASSETS (a + b)		1,341	4,941	114	6,396	1,343	4,854	113	6,310
a. UNDER MILITARY CONTROL		612	1,986	27	2,625	612	1,986	27	2,625
(1) Housed in Existing DOD Owned/Controlled		612	1,986	27	2,625	612	1,986	27	2,625
(2) Under Contract / Approved								0	0
(3) Vacant					0				
(4) Inactive					0				
b. PRIVATE HOUSING		729	2,955	87	3,771	731	2,868	86	3,685
(1) Acceptably Housed		729	2,955	87	3,771				
(2) Acceptable Vacant Rental					0				
13. EFFECTIVE HOUSING DEFICIT		256	875	0	1,131	256	875	0	1,131
14. PROPOSED PROJECT							56		56
15. REMARKS (Specify item number)									
Line 14: This project demolishes 56 uneconomical to repair units and replaces them with 56 new Junior Enlisted Units. There is no net change to the inventory as a result of this project.									
Junior Enlisted 36 3 Bedroom Units 20 4 Bedroom Units									

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM				2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. COMMAND US Army Forces Command			5. AREA CONSTRUCTION COST INDEX 0.90

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	5204	34424	4624	383	1683	0	363	660	4836	52,177
B. END FY 2003	5226	34901	4701	334	1882	0	357	618	4913	52,932

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	57,591 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	831,040
C. AUTHORIZATION NOT YET IN INVENTORY.....	51,162
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	20,150
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	20,800
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	923,152

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:				
CATEGORY PROJECT		COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
711	43123	Family Housing Replacement Construction	3,350	TURNKEY
711	46875	Family Housing Replacement Construction	16,800	TURNKEY
TOTAL			20,150	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
711	Family Housing Replacement Construction	20,800
TOTAL		20,800
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
Support and training of an Airborne Division and non-divisional support units; support to US Army Special Operations Command, including 1st US Army Special Operations Command, and the USA John F. Kennedy Special Warfare Center & School; XVIII Corps Headquarters and miscellaneous other tenant activities.

1. COMPONENT ARMY.	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 1997								
<div style="display: flex; justify-content: space-between;"> INSTALLATION AND LOCATION: Fort Bragg North Carolina </div>										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 20%; text-align: right;">(\$000)</th> </tr> </thead> <tbody> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </tbody> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>SECTION 3 ARMY FAMILY HOUSING: 14 JAN 1997 The estimated cost to remedy deficiencies to a C-1 status in all permanent and semi-permanent family housing facilities at this installation is \$197,965,000 based on the Installation Status Report (ISR) information on facilities conditions as of May 1996.</p>										

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA		2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Fort Bragg, North Carolina			4. PROJECT TITLE Family Housing Replacement Construction		
5. PROGRAM ELEMENT 88741A	6. CATEGORY CODE 711	7. PROJECT NUMBER 43123	8. PROJECT COST (\$000) Auth 3,350 Approp 3,350		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY					1,949
Family Housing, Jr Enl		EA	32	60,565	(1,938)
Building Information Systems		LS	--	--	(11)
SUPPORTING FACILITIES					1,049
Electric Service		LS	--	--	(92)
Water, Sewer, Gas		LS	--	--	(173)
Paving, Walks, Curbs And Gutters		LS	--	--	(168)
Storm Drainage		LS	--	--	(64)
Site Imp(136) Demo(395)		LS	--	--	(531)
Information Systems		LS	--	--	(21)
ESTIMATED CONTRACT COST					2,998
CONTINGENCY PERCENT (5.00%)					150
SUBTOTAL					3,148
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					189
TOTAL REQUEST					3,337
TOTAL REQUEST (ROUNDED)					3,350
INSTALLED EQT-OTHER APPROPRIATIONS					(0)
10. Description of Proposed Construction Whole neighborhood revitalization by replacement of 32 junior enlisted quarters (two-story, two-bedroom, eight-plex family quarters constructed in 1950). Asbestos abatement and lead based paint removal is required. Replacement construction will consist of variously configured multi-units and/or single structures. The new dwelling units will be factory built or manufactured houses and/or conventionally on-site constructed houses. The units will be heated and air conditioned, and include all required utility services. Project will provide appliances, washer and dryer connections, garbage disposal, water heater, hard wired interconnected smoke detectors, telephone and cable TV systems. Support facilities include utility metering, patios, driveways, landscaping, tot-lot and additional sidewalks. Repair existing sidewalks and street pavements. Repair or replace underground utilities (water, sewer), and replace overhead distribution system with an underground system. Project includes provisions for connection to the local cable television system. The existing eight-plex family units will be demolished (57,708 SF) to permit construction on the existing site. Construction of new housing will match the surrounding community, a historic district. Remediation of lead based paint contaminated soil is required.					

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
ARMY			FEBRUARY 1997
3. INSTALLATION AND LOCATION			
Fort Bragg, North Carolina			
4. PROJECT TITLE		5. PROJECT NUMBER	
Family Housing Replacement Construction		43123	
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)			
Grade	Bedrooms	Net Area (SQ M)	Project Unit Factor Cost
			No. Units
			Total (\$000)
JRENL	2	88.3	0.95 722 32 1,938
<p>PROJECT: Replacement of 32 junior enlisted family housing dwelling units. Project includes demolition of 32 existing quarters. (Current Mission)</p> <p>REQUIREMENT: This project is required to improve the existing conditions of these junior enlisted family quarters, neighborhood amenities and support facilities by providing quarters which meet current standards of size, habitability, safety and energy conservation. The existing units are deteriorated to the extent that they cannot be economically improved to meet current standards.</p> <p>CURRENT SITUATION: With the exception of installing new heat pumps in 1984 and kitchen renovation in 1970, these quarters have had no major improvements since original construction in 1950. There is an insufficient number of bath and shower facilities, and existing fixtures are outdated and deteriorated. The flooring is stained and worn through. Interior doors and frames and plaster walls and ceilings are cracked, broken, and deteriorated beyond repair. Electrical system is deteriorated and does not meet current code requirements. The overhead distribution system is unsightly with worn insulation. Exterior lighting is dim and casts shadows. These quarters are not energy efficient, and they do not meet current insulation standards. The brick veneer is soiled and does not resist moisture penetration. The family units have no porches or canopies at the entrances, and have drab facades that need to be improved. Sidewalks have been uplifted by tree roots. Both the existing concrete roadway and sidewalks contain cracks and joints that are displaced. These units contain lead based paint and asbestos has been identified in the kitchen tiles, pipe insulation, and boiler room wall board.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, service members will continue to reside in inadequate housing which will continue to deteriorate. This adversely affects the health, safety and quality of life of these enlisted personnel and their family members. Maintenance and energy costs will continue to accelerate, precluding attainment of the President's directive on energy reduction.</p> <p>ADDITIONAL: This project has been coordinated with the installation physical security plan and no physical security and/or combating terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 2 October 1995. The life cycle cost analysis shows replacement construction to be more cost effective than all other feasible alternatives.</p>			
Installation Engineer: Colonel James R. Hougnon Phone Number: 910/396-4009			

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT February 1997	2. FISCAL YEAR 1998	REPORT CONTROL SYMBOL P&L (AR) 1716			
3. DOD COMPONENT ARMY		4. REPORTING INSTALLATION							
5. DATA AS OF		a. NAME Fort Bragg A37225			b. LOCATION Fayetteville NC 28307-5000				
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		5,950	29,586	7,181	42,717	5,917	30,096	7,305	43,318
7. PERMANENT PARTY PERSONNEL		5,732	28,709	6,969	41,410	5,710	29,257	7,102	42,069
8. GROSS FAMILY HOUSING REQUIREMENTS		3,951	18,980	1,916	24,847	3,935	19,506	1,969	25,410
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)		522	2,379	338	3,239				
a. INVOLUNTARILY SEPARATED					0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED					0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY		522	2,379	338	3,239				
10. VOLUNTARY SEPARATIONS		159	1,070	130	1,359	158	1,091	133	1,382
11. EFFECTIVE HOUSING REQUIREMENTS		3,792	17,910	1,786	23,488	3,777	18,415	1,836	24,028
12. HOUSING ASSETS (a + b)		3,270	15,531	1,448	20,249	3,189	15,723	1,466	20,378
a. UNDER MILITARY CONTROL		985	3,792	309	5,086	985	3,792	309	5,086
(1) Housed in Existing DOD Owned/Controlled		985	3,792	309	5,086	985	3,792	309	5,086
(2) Under Contract / Approved								0	0
(3) Vacant					0				
(4) Inactive					0				
b. PRIVATE HOUSING		2,285	11,739	1,139	15,163	2,204	11,931	1,157	15,292
(1) Acceptably Housed		2,285	11,739	1,139	15,163				
(2) Acceptable Vacant Rental					0				
13. EFFECTIVE HOUSING DEFICIT		522	2,379	338	3,239	588	2,692	370	3,650
14. PROPOSED PROJECT							142	32	174
15. REMARKS (Specify item number)									
Line 14: This project demolishes 32 uneconomical to repair units and replaces them with 32 Junior enlisted units. This project also demolishes 142 uneconomical to repair units and replaces them with 142 Junior NCO units. There is no net change to the inventory as a result of these projects.									
<div style="display: flex; justify-content: space-between;"> <div>Junior NCO:</div> <div>142 3 Bedroom Units</div> </div> <div style="display: flex; justify-content: space-between;"> <div>Junior Enlisted:</div> <div>32 2 Bedroom Units</div> </div>									

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1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Fort Bragg, North Carolina				4. PROJECT TITLE Family Housing Replacement Construction		
5. PROGRAM ELEMENT 88741A		6. CATEGORY CODE 711	7. PROJECT NUMBER 46875		8. PROJECT COST (\$000) Auth 16,800 Approp 16,800	
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					10,111	
Three Bedroom Housing Units		FA	142	70,845	(10,060)	
Building Information Systems		LS	--	--	(51)	
<u>SUPPORTING FACILITIES</u>					5,023	
Electric Service		LS	--	--	(554)	
Water, Sewer, Gas		LS	--	--	(636)	
Paving, Walks, Curbs And Gutters		LS	--	--	(522)	
Storm Drainage		LS	--	--	(135)	
Site Imp(948) Demo(2,124)		LS	--	--	(3,072)	
Information Systems		LS	--	--	(104)	
ESTIMATED CONTRACT COST					15,134	
CONTINGENCY PERCENT (5.00%)					757	
SUBTOTAL					15,891	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					953	
TOTAL REQUEST					16,844	
TOTAL REQUEST (ROUNDED)					16,800	
INSTALLED EQT-OTHER APPROPRIATIONS					(0)	
10. Description of Proposed Construction Whole neighborhood revitalization by demolishing 142 junior noncommissioned officer (NCO) Capehart family housing units constructed in 1958 that are not economical to revitalize, and constructing 142 replacement units built to current standards. Replacement construction consists of variously configured one and two story multi-family units and/or detached one or two story duplex units which are factory built/manufactured houses and/or conventionally on-site built houses with garages and patios. Project will provide central heating and air conditioning, appliances, water heater, hard wired interconnected smoke detectors, utilities, storm drainage, information systems (telephone and cable TV), paving, walks, curbs and gutters, recreation facilities and landscaping. At least five percent of the units will be accessible and easily modifiable to accommodate the requirements of the handicapped. Asbestos and lead based paint removal is required. Underground oil tanks will be removed.						
		Net Area	Project	Unit	NO.	Total
Grade	Bedrooms	(SQ M)	Factor	Cost	Units	(\$000)
JRNCO	3	111.5	0.88	722	142	10,060

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 1997
3. INSTALLATION AND LOCATION Fort Bragg, North Carolina		
4. PROJECT TITLE Family Housing Replacement Construction		5. PROJECT NUMBER 46875
<p><u>PROJECT:</u> Whole neighborhood revitalization by demolishing 142 Capehart family housing units which are uneconomical to revitalize to current standards, and constructing 142 junior NCO family housing units including the supporting infrastructure and neighborhood amenities. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to improve existing living conditions for junior NCO family quarters, neighborhood amenities and support facilities by providing quarters that meet current standards of size, habitability and safety. Existing units are deteriorated to the extent that they cannot be economically improved to meet current standards.</p> <p><u>CURRENT SITUATION:</u> These 142 family housing units were constructed using the tract housing concept and suffer from numerous inadequacies typical of housing constructed under the Capehart program. Vehicle parking is lacking, and visitors park on the grass. Interior and exterior storage is insufficient. The electrical systems are inadequate to accommodate today's typical family. The bathroom fixtures, plumbing, heating and air conditioning systems are deteriorated, require continual maintenance and repair, and need to be replaced. These two story units lack bathrooms on the first floor. Ceiling and wall insulation and insulated windows are required to improve energy efficiency. Roofs need to be replaced and the exterior finished with new siding. The overhead electrical wiring needs to be replaced with direct burial cable, existing water and sewer lines require replacement, and new playground equipment, privacy fences and landscaping are required. While these units are over thirty five years old, they do not have the mature trees and landscaping associated with older neighborhoods. The units generally have a poor outside appearance and interior living environment. Since the HVAC duct system is located in the first floor concrete slabbing, dwelling units cannot be permanently treated for termites. Asbestos exists in pipe insulation and mechanical room wall board. Lead based paint exists on interior and exterior finished surfaces.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, service members will continue to reside in inadequate housing which will continue to deteriorate. This adversely affects the health, safety and quality of life of these enlisted personnel and their families. Maintenance and energy costs will continue to accelerate, preventing achievement of the President's energy reduction goals.</p> <p><u>ADDITIONAL:</u> The life cycle cost analysis shows replacement to be more cost effective than all other feasible alternatives. This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 2 October 1995.</p> <p style="text-align: right;">Installation Engineer: Colonel James R. Hougnon Phone Number: 910/396-4009</p>		

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Fort Bliss Texas	4. COMMAND US Army Training and Doctrine Command		5. AREA CONSTRUCTION COST INDEX 0.96	

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED		
	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	TOTAL	
A. AS OF 30 SEP 1996	1286 6749 3014	271 1952 4	110 301 4509	18,196	
B. END FY 2003	1447 7690 2893	216 1855 2	110 294 4513	19,020	

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	53,040 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	442,705
C. AUTHORIZATION NOT YET IN INVENTORY.....	50,959
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	12,900
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	3,300
H. GRAND TOTAL.....	509,864

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:				
CATEGORY	PROJECT		COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
711	19972	Family Housing Replacement Construction	12,900	TURNKEY
TOTAL			12,900	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
Provides support to the US Army Air Defense Center and School; William Beaumont Army Medical Center; US Army Sergeants Major Academy, and other tenant activities and units.	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 1997
<div style="display: flex; justify-content: space-between;"> <div>INSTALLATION AND LOCATION: Fort Bliss</div> <div>Texas</div> </div>		
<p>REMARKS :</p> <p>SECTION 3 ARMY FAMILY HOUSING: 14 JAN 1997 The estimated cost to remedy deficiencies to a C-1 status in all existing permanent and semi-permanent family housing facilities at this installation is \$87,194,000 based on the Installation Status Report (ISR) information on facilities conditions as of May 1996.</p>		

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Fort Bliss, Texas				4. PROJECT TITLE Family Housing Replacement Construction		
5. PROGRAM ELEMENT 88741A		6. CATEGORY CODE 711	7. PROJECT NUMBER 19972		8. PROJECT COST (\$000) Auth 12,900 Approp 12,900	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						6,952
Family Housing, Jr NCO			FA	91	73,451	(6,684)
Passive Solar			FA	91	2,556	(233)
Building Information Systems			LS	--	--	(35)
<u>SUPPORTING FACILITIES</u>						4,665
Electric Service			LS	--	--	(627)
Water, Sewer, Gas			LS	--	--	(580)
Paving, Walks, Curbs And Gutters			LS	--	--	(379)
Storm Drainage			LS	--	--	(137)
Site Imp(779) Demo(2,118)			LS	--	--	(2,897)
Information Systems			LS	--	--	(45)
ESTIMATED CONTRACT COST						11,617
CONTINGENCY PERCENT (5.00%)						581
SUBTOTAL						12,198
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						732
TOTAL REQUEST						12,930
TOTAL REQUEST (ROUNDED)						12,900
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10. Description of Proposed Construction Whole neighborhood revitalization by demolishing 287 family housing units constructed in 1951 that are uneconomical to revitalize, and constructing 91 replacement junior noncommissioned officer units to current standards. Work includes extension, modification and replacement of street and utility infrastructure on a new site, recreation facilities and landscaping. Replacement construction will consist of variously configured single and/or multi-unit, one story buildings. Dwelling units will be factory built and/or manufactured houses and/or conventionally on-site constructed houses. The design includes passive solar features, heating and cooling by individual units, hard wired interconnected smoke detectors, appliances, landscaping, streets, garages, driveways, street lighting, utility services, storm drainage, recreational areas, walks, perimeter and privacy fencing. Demolition of existing housing includes asbestos and lead based paint abatement. Site preparation includes demolition of existing streets, utilities, foundations, and sidewalks. At least five percent of the quarters will be constructed such that they are accessible and easily modifiable to accommodate requirements of the handicapped.						

1. COMPONENT		2. DATE	
ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA	
		FEBRUARY 1997	
3. INSTALLATION AND LOCATION			
Fort Bliss, Texas			
4. PROJECT TITLE		5. PROJECT NUMBER	
Family Housing Replacement Construction		19972	
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)			
Grade	Bedrooms	Net Area (SQ M)	Project Factor
		Unit Cost	NO. Units
			(\$000) Total
JRNCO	2	88.3	0.97
JRNCO	3	111.5	0.97
		722	26
		722	65
			1,608
			5,076
		TOTAL	91
			6,684
<p><u>PROJECT:</u> Whole neighborhood revitalization by demolishing 287 family quarters which are uneconomical to revitalize and constructing 91 junior noncommissioned officer family housing units, neighborhood amenities and supporting infrastructure to current standards. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to improve existing conditions of these junior noncommissioned officer family quarters, neighborhood amenities and support facilities by providing quarters that meet current standards of energy conservation, size, habitability and safety. Existing units are deteriorated to the extent that they cannot be economically improved to meet current standards.</p> <p><u>CURRENT SITUATION:</u> These 45 year old units have had no major improvements since their original construction. Kitchens and bathrooms are poorly arranged, worn out and need replacement. Electrical systems are deteriorated and do not meet current code requirements. Housing units contain asbestos and lead based paint. Units have only one off-street parking space with no visitor parking available. On street parking results in traffic congestion and difficulty in seeing children at play. These units have flat, built-up roofs. Attempts to repair the many roof leaks have not been fully successful, resulting in interior water damage. These quarters are inadequately sized, consisting of two bedroom units at 80.5 net square meters (NSM), and three bedroom units at 98.5 NSM. Many units do not have privacy fencing. Overhead power and telephone lines are deteriorated and unsightly. Streets need repair and storm water collects in streets due to inadequate drainage. Neighborhood recreational facilities are inadequate.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, service members will continue to reside in housing that does not provide an acceptable quality of life. The buildings are rapidly deteriorating which adversely affects the health, safety and quality of life of these enlisted personnel and their families. Maintenance and energy costs will continue to accelerate, preventing achievement of the President's energy reduction goals.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 2 October 1995. The life cycle</p>			

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
ARMY			FEBRUARY 1997
3. INSTALLATION AND LOCATION			
Fort Bliss, Texas			
4. PROJECT TITLE		5. PROJECT NUMBER	
Family Housing Replacement Construction		19972	
<p>ADDITIONAL: (CONTINUED)</p> <p>cost analysis shows replacement construction to be more cost effective than all other feasible alternatives.</p>			
<p>Installation Engineer: Colonel David R. Ruf</p> <p>Phone Number: 915/568-6200</p>			

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT February 1997	2. FISCAL YEAR 1998	REPORT CONTROL SYMBOL P&L (AR) 1716			
3. DOD COMPONENT ARMY		4. REPORTING INSTALLATION							
5. DATA AS OF		a. NAME Fort Bliss A48125			b. LOCATION El Paso TX 79916				
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		1,667	6,912	2,090	10,669	1,773	7,555	2,284	11,612
7. PERMANENT PARTY PERSONNEL		1,482	5,852	1,770	9,104	1,639	6,671	2,017	10,327
8. GROSS FAMILY HOUSING REQUIREMENTS		953	4,274	573	5,800	1,054	4,872	654	6,580
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)		0	0	0	0				
a. INVOLUNTARILY SEPARATED					0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED					0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY					0				
10. VOLUNTARY SEPARATIONS		70	283	53	406	77	323	60	460
11. EFFECTIVE HOUSING REQUIREMENTS		883	3,991	520	5,394	977	4,549	594	6,120
12. HOUSING ASSETS (a + b)		883	3,991	520	5,394	927	4,042	594	5,563
a. UNDER MILITARY CONTROL		486	2,598	399	3,483	486	2,311	399	3,196
(1) Housed in Existing DOD Owned/Controlled		486	2,598	399	3,483	486	2,311	399	3,196
(2) Under Contract / Approved								0	0
(3) Vacant					0				
(4) Inactive					0				
b. PRIVATE HOUSING		397	1,393	121	1,911	441	1,731	195	2,367
(1) Acceptably Housed		397	1,393	121	1,911				
(2) Acceptable Vacant Rental					0				
13. EFFECTIVE HOUSING DEFICIT		0	0	0	0	50	507	0	557
14. PROPOSED PROJECT							91		91
15. REMARKS (Specify item number)									
Line 14: This project demolishes 287 uneconomical to revitalize units and replaces them with 91 Junior NCO units. There is a net inventory reduction of 196 units.									
<p>Junior NCO: 65 3 Bedroom Units</p> <p> 26 2 Bedroom Units</p>									

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE FEBRUARY 1997
3. INSTALLATION AND LOCATION Fort Hood Texas	4. COMMAND US Army Forces Command		5. AREA CONSTRUCTION COST INDEX 0.90

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED		
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST CIVIL TOTAL
A. AS OF 30 SEP 1996	4391	36976	3549	0 346 0	70 303 2909 48,544
B. END FY 2003	4442	37442	3479	0 323 0	70 304 2969 49,029

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	88,023 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	960,506
C. AUTHORIZATION NOT YET IN INVENTORY.....	62,300
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	18,800
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	22,700
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	36,000
H. GRAND TOTAL.....	1,100,306

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:				
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS
CODE	NUMBER			START COMPLETE
711	23495	Family Housing Replacement Construction	18,800	TURNKEY
TOTAL			18,800	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
CODE		
A. REQUESTED IN THE FY 1999 PROGRAM:		
711	Family Housing Replacement Construction	22,700
TOTAL		22,700
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
Support and training of III Corps Headquarters and organizations assigned to III Corps, including 1st CAV Division. Ensure the most efficient utilization of resources to operate Fort Hood and accomplish all assigned missions. Ensure Fort Hood is prepared for mobilization.	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 1997
INSTALLATION AND LOCATION: Fort Hood Texas		
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (...CONTINUED) <div style="text-align: right;">(\$000)</div> <div style="display: flex; justify-content: space-between;"> <div>B. WATER POLLUTION</div> <div>0</div> </div> <div style="display: flex; justify-content: space-between;"> <div>C. OCCUPATIONAL SAFETY AND HEALTH</div> <div>0</div> </div>		
REMARKS : SECTION 3 ARMY FAMILY HOUSING: 14 JAN 1997 The estimated cost to remedy deficiencies to a C-1 status in all existing permanent and semi-permanent family housing facilities at this installation is \$170,087,000 based on the Installation Status Report (ISR) information on facilities conditions as of May 1996.		

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA		2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Fort Hood, Texas			4. PROJECT TITLE Family Housing Replacement Construction		
5. PROGRAM ELEMENT 88741A	6. CATEGORY CODE 711	7. PROJECT NUMBER 23495	8. PROJECT COST (\$000) Auth 18,800 Approp 18,800		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY					
Family Housing	FA	130	83,308	10,879	
Building Information Systems	LS	--	--	(10,830) (49)	
SUPPORTING FACILITIES					
Electric Service	LS	--	--	6,012 (718)	
Water, Sewer, Gas	LS	--	--	(1,153)	
Paving, Walks, Curbs And Gutters	LS	--	--	(715)	
Storm Drainage	LS	--	--	(346)	
Site Imp(1,147) Demo(1,693)	LS	--	--	(2,840)	
Information Systems	LS	--	--	(240)	
ESTIMATED CONTRACT COST				16,891	
CONTINGENCY PERCENT (5.00%)				845	
SUBTOTAL				17,736	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				1,064	
TOTAL REQUEST				18,800	
TOTAL REQUEST (ROUNDED)				18,800	
INSTALLED EQT-OTHER APPROPRIATIONS				(0)	
10. Description of Proposed Construction Whole neighborhood revitalization by demolition of 130 two and three bedroom junior and senior enlisted family quarters in Chaffee Village (built in 1955-58), and construction of 130 four and five bedroom junior noncommissioned officer (NCO) family dwelling units. Replacement construction will be on a new site and consist of variously configured multi-units and/or single buildings. Dwelling units will be factory built/manufactured houses and/or conventionally on-site constructed houses. The design includes wood frame construction, brick veneer, or pre-finished siding. The dwelling units will be heated and air conditioned, and include all required utility services (including natural gas), communications, paving, walks, landscaping, recreation facilities and site improvements. Passive solar energy conservation measures will be utilized where shown to be cost effective. Project will provide appliances, washer and dryer connections, garbage disposal, water heater and smoke detectors. At least five percent of the quarters will be constructed such that they will be accessible and easily modifiable to accommodate the requirements of the handicapped. Neighborhood amenities include bus stop shelters, roadway repairs, upgraded play grounds (tot-lots), multi-purpose courts, sidewalks, recreation fields, and a physical fitness trail. The proposed site lacks roadway access. One hundred thirty					

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA		2. DATE FEBRUARY 1997																													
3. INSTALLATION AND LOCATION Fort Hood, Texas																																	
4. PROJECT TITLE Family Housing Replacement Construction				5. PROJECT NUMBER 23495																													
<p>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED) existing units in Chaffee Village will be demolished, requiring lead based paint, asbestos, and chlordane abatement as required.</p> <table border="1"> <thead> <tr> <th>Grade</th> <th>Bedrooms</th> <th>Net Area (SQ M)</th> <th>Project Factor</th> <th>Unit Cost</th> <th>No. Units</th> <th>(\$000) Total</th> </tr> </thead> <tbody> <tr> <td>JRNCO</td> <td>4</td> <td>125.4</td> <td>0.864</td> <td>722</td> <td>73</td> <td>5,710</td> </tr> <tr> <td>JRNCO</td> <td>5</td> <td>144.0</td> <td>0.864</td> <td>722</td> <td>57</td> <td>5,120</td> </tr> <tr> <td colspan="5" style="text-align: right;">Total</td> <td>130</td> <td>10,830</td> </tr> </tbody> </table>						Grade	Bedrooms	Net Area (SQ M)	Project Factor	Unit Cost	No. Units	(\$000) Total	JRNCO	4	125.4	0.864	722	73	5,710	JRNCO	5	144.0	0.864	722	57	5,120	Total					130	10,830
Grade	Bedrooms	Net Area (SQ M)	Project Factor	Unit Cost	No. Units	(\$000) Total																											
JRNCO	4	125.4	0.864	722	73	5,710																											
JRNCO	5	144.0	0.864	722	57	5,120																											
Total					130	10,830																											
<p>PROJECT: Whole neighborhood revitalization by replacement of 130 enlisted family dwelling units and supporting facilities located in the Chaffee Village area with 130 four and five bedroom units on a new site. (Current Mission)</p> <p>REQUIREMENT: This project is required to improve existing living conditions for junior noncommissioned officer family quarters, neighborhood amenities and supporting infrastructure by providing quarters that meet current standards of quality of life, energy conservation, size, habitability and safety. Existing units are deteriorated to the extent that they cannot be economically improved to meet current standards.</p> <p>CURRENT SITUATION: These 130 dwellings were constructed in 1955-58 and lack carports and adequate bulk storage. Many have only one and one-half baths which are deteriorated. Kitchens do not provide adequate storage or counter space, and the heating and air conditioning system are inefficient and require excessive maintenance. Frequent repairs cause significant inconvenience to occupants and increasing costs to the government. The energy efficiency of the quarters is very low by today's standards, causing increased utility consumption and costs.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, service members will continue to reside in inadequate quarters, and deterioration of the facilities will continue to accelerate. This adversely affects the health, safety and quality of life for these enlisted personnel and their families. Maintenance and energy costs will continue to accelerate, and the President's energy reduction goal will not be met.</p> <p>ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, as implemented by the Army's Architectural And Engineering Instructions (AEI), "Design Criteria", dated 2 October 1995. The life cycle cost analysis shows replacement construction to be more cost effective than all other feasible alternatives.</p>																																	
<p>Installation Engineer: Colonel Albert G. Bungard Phone Number: 817/287-5707</p>																																	

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT February 1997	2. FISCAL YEAR 1998	REPORT CONTROL SYMBOL P&L (AR) 1716			
3. DOD COMPONENT ARMY		4. REPORTING INSTALLATION							
5. DATA AS OF		a. NAME Fort Hood A48255			b. LOCATION Fort Hood TX 76544				
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		4,461	28,100	9,525	42,086	4,512	28,432	9,637	42,581
7. PERMANENT PARTY PERSONNEL		4,461	27,851	9,440	41,752	4,512	28,199	9,559	42,270
8. GROSS FAMILY HOUSING REQUIREMENTS		2,916	19,016	2,930	24,862	2,950	19,254	2,967	25,171
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)		570	2,240	828	3,638				
a. INVOLUNTARILY SEPARATED					0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED					0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY		570	2,240	828	3,638				
10. VOLUNTARY SEPARATIONS		124	1,311	299	1,734	126	1,328	303	1,757
11. EFFECTIVE HOUSING REQUIREMENTS		2,792	17,705	2,631	23,128	2,824	17,926	2,664	23,414
12. HOUSING ASSETS (a + b)		2,222	15,465	1,803	19,490	2,247	15,570	1,820	19,637
a. UNDER MILITARY CONTROL		918	4,641	0	5,559	918	4,641	0	5,559
(1) Housed in Existing DOD Owned/Controlled		918	4,641	0	5,559	918	4,641	0	5,559
(2) Under Contract / Approved									0
(3) Vacant					0				
(4) Inactive					0				
b. PRIVATE HOUSING		1,304	10,824	1,803	13,931	1,329	10,929	1,820	14,078
(1) Acceptably Housed		1,304	10,824	1,803	13,931				
(2) Acceptable Vacant Rental					0				
13. EFFECTIVE HOUSING DEFICIT		570	2,240	828	3,638	577	2,356	844	3,777
14. PROPOSED PROJECT							130		130
15. REMARKS (Specify item number)									
Line 14: This project demolishes 130 uneconomical to repair units and replaces them with 130 new Junior NCO units. There is no net change to the inventory as a result of this project.									
<div style="margin-left: 100px;"> Junior NCO: 57 5 Bedroom Units 73 4 Bedroom Units </div>									

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ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
POST-ACQUISITION CONSTRUCTION

(\$ in Thousands)

FY 1998 Program	\$ 44,800
FY 1997 Program	\$105,350

PURPOSE AND SCOPE

The Army operates and maintains an inventory of approximately 118,000 family housing units with an average age exceeding 30 years. Many of these units require major improvements to meet contemporary living standards and to provide some of the modern amenities found in comparable community housing. The Post Acquisition Construction program provides funding for revitalizing military family housing units which are more economical to renovate rather than replace. The proposed investment in post acquisition construction will increase the useful life of the revitalized units by 25 years and concurrently reduce deferred maintenance and repairs.

The Army continues to emphasize the "whole neighborhood" revitalization concept. Our program considers the requirement of the total neighborhood--including the dwelling units, supporting utility systems, energy conservation, roads, playgrounds, and community facilities. The result eliminates much of the existing stereotypical construction, improves quarters to contemporary standards, and provides functional units in more attractive housing areas.

Three overseas, post acquisition construction projects are included in this request. Although the Army is primarily relying on host nation support or residual value contributions to improve housing located overseas, the requested projects are the most critical projects not identified for funding through residual value contributions.

PROGRAM SUMMARY

Authorization is requested for appropriation for whole neighborhood revitalization and improvements to 455 units. Projects exceeding the statutory funding limitation (10 USC 2825) of \$50,000 per dwelling unit (adjusted by the area construction

ARMY FAMILY HOUSING
 FY 1998 BUDGET ESTIMATE
 POST ACQUISITION CONSTRUCTION (continued)

cost factor) are documented by the DD Forms 1391 which follow this summary. These projects are listed in the following table:

<u>Location</u>	<u>Historic</u>	<u>Type</u>	<u>No. of Units</u>	<u>Amount (\$000)</u>
Ft. Benning, GA	Yes	CGO	120	*\$13,000
Ft. Riley, KS	No	J/SNCO	120	7,900
Ft. Monmouth, NJ	Yes	SNCO/FGO	51	5,100
Mannheim, GE	No	JNCO	72	8,300
Stuttgart, GE	No	JNCO	54	5,300
Vilseck, GE	No	SNCO/FGO	<u>38</u>	<u>5,200</u>
TOTAL			455	\$44,800

Type: JNCO - Junior NCO
 SNCO - Senior NCO
 CGO - Company Grade Officer
 FGO - Field Grade Officer

* An additional \$2.0 million will be financed from FY 1996 post acquisition construction savings.

1. COMPONENT		FY 1998		MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY						FEBRUARY 1997	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
Various Locations - Continental and Overseas				Army Family Housing Post Acquisition Construction			
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
88742A		711		AFH		Auth 44,800 Approp 44,800	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
Post Acquisition Construction Improvements					LS		44,800
Projects qualifying for the Defense Energy Conservation Investment Program (ECIP)					LS		0
TOTAL							44,800
10. Description of Proposed Construction							
<p>These projects provide needed revitalization of family housing units that do not meet current standards for livability, maintainability and energy efficiency. Revitalization projects provide for renewal of the whole neighborhood which considers the dwelling unit and supporting infrastructure. Work within the house considers upgrading kitchens (to include dishwashers, garbage disposals and range hoods) and bathrooms, installation of new half-baths (where required), increasing net living area to space currently authorized, installation of central air conditioning and heating systems including, as required, relocation of ductwork, exterior storage, patios and covered parking. Replacement or installation of supporting infrastructure considers utility distribution systems, storm sewers, roads, road realignment, off street parking, landscaping and recreation facilities.</p>							

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 1997
3. INSTALLATION AND LOCATION Various Locations - Continental and Overseas		
4. PROJECT TITLE Army Family Housing Post Acquisition Construction	5. PROJECT NUMBER	
<p>11. REQUIREMENTS: The numerous acquisitions of the post war period have left a legacy of houses that are over thirty years old which require major revitalization. The improvement requirements of the inventory have increased faster than prior years programs have met. Consequently, there is an on going requirement to renew and upgrade quarters including upgrading/replacement of the supporting infrastructure and recreational facilities. Units must be revitalized/improved due to age and obsolescence as contemporary standards have evolved. Since units are fully occupied and in high demand, accomplishing the program requires that a systematic revitalization effort be maintained. Units have deteriorated support systems and size/functionality deficiencies that are not adequate for today's family.</p> <p>IMPACT IF NOT PROVIDED: The desired/required improvements to our service members' quality of life will not be realized. Family housing units and supporting systems will continue to be used as is with increasing obsolescence, recurring maintenance costs and unnecessarily high energy use. The President's goal of 30% energy reduction between 1985 and 2005 will not be met. Soldiers and their families will continue to live in quarters that are below acceptable standards, affecting their duty performance and adversely impacting on the Army's mission.</p>		

1. COMPONENT		2. DATE	
ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA	
		FEBRUARY 1997	
3. INSTALLATION AND LOCATION			
Various Locations - Continental and Overseas			
4. PROJECT TITLE		5. PROJECT NUMBER	
Army Family Housing Post Acquisition Construction			
DESCRIPTION OF WORK TO BE ACCOMPLISHED			
Country/State Installation and Project			
	Post Acquisition Construction	ECIP	CWE (\$000) Total
	-----	----	-----
Georgia			
Fort Benning			
(Project Number 38788)	13,000		
Whole neighborhood revitalization of company grade officer family housing in a historic district to current standards including supporting infrastructure, community recreational facilities and energy conservation improvements - 120 units. An additional \$2.0 million will be financed from FY96 savings. (Separate DD Form 1391 is attached).			
Installation Total			13,000
Kansas			
Fort Riley			
(Project Number 41700)	7,900		
Whole neighborhood revitalization of junior and senior noncommissioned officer family housing to current standards including energy conservation and neighborhood amenities - 120 units. (Separate DD Form 1391 is attached).			
Installation Total			7,900
New Jersey			
Fort Monmouth			
(Project Number 3033)	5,100		
Whole neighborhood revitalization of historic senior enlisted and field grade officer quarters to current standards including supporting infrastructure and energy conservation improvements - 51 units. (Separate DD Form 1391 is attached).			
Installation Total			5,100
USA TOTALS	26,000		26,000

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
ARMY			FEBRUARY 1997
3. INSTALLATION AND LOCATION			
Various Locations - Continental and Overseas			
4. PROJECT TITLE		5. PROJECT NUMBER	
Army Family Housing Post Acquisition Construction			
DESCRIPTION OF WORK TO BE ACCOMPLISHED Country/State Installation and Project			
		Post Acquisition Construction	CWE (\$000) ECIP ----- Total -----
Germany (Note: All projects are priced at \$1 = 1.56 MARKS)			
Germany Various (Project Number 42146)		5,200	
Whole neighborhood revitalization of officer and enlisted family housing to current standards including energy conservation, supporting infrastructure and neighborhood amenities - 38 units. No improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years. (Separate DD Form 1391 is attached).			
(Project Number 45124)		5,300	
Whole neighborhood revitalization of junior enlisted family housing to current standards including energy conservation, supporting infrastructure and neighborhood amenities - 54 units. No improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years. (Separate DD Form 1391 is attached).			
(Project Number 45735)		8,300	
Whole neighborhood revitalization of junior enlisted family housing to current standards including energy conservation, supporting infrastructure and neighborhood amenities - 72 units. No improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years. (Separate DD Form 1391 is attached).			
Installation Total			18,800
Germany Total			18,800
OVERSEAS TOTALS		18,800	18,800
Total USA and Overseas		44,800	44,800

1. COMPONENT		FY 1998		MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY						FEBRUARY 1997	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
Fort Benning, Georgia				Family Housing Improvements			
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
88742A		711		38788		Auth 13,000 Approp 13,000	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							12,599
Revitalize 3-Bedroom Units				FA	120	99,695	(11,963)
Revitalize Garages				m2	2,503	222.45	(557)
Building Information Systems				LS	--	--	(79)
<u>SUPPORTING FACILITIES</u>							1,046
Electric Service				LS	--	--	(148)
Water, Sewer, Gas				LS	--	--	(91)
Paving, Walks, Curbs And Gutters				LS	--	--	(223)
Storm Drainage				LS	--	--	(68)
Site Imp(502) Demo(14)				LS	--	--	(516)
ESTIMATED CONTRACT COST							13,645
CONTINGENCY PERCENT (5.00%)							682
SUBTOTAL							14,327
SUPERVISION, INSPECTION & OVERHEAD (6.00%)							860
TOTAL REQUEST							15,187
TOTAL REQUEST (ROUNDED)							15,000
AMOUNT FINANCED FROM FY96 SAVINGS							(2,000)
INSTALLED EOT-OTHER APPROPRIATIONS							(0)
10. Description of Proposed Construction							
<p>Whole neighborhood revitalization of 120 company grade officer, three bedroom, two-story, four-plex family quarters constructed in 1934 to comparable new construction standards including neighborhood amenities, supporting infrastructure and energy efficiency measures. These units are located in Historic District Area 17 on Main Post. Work includes improving the existing net square footage, interior modifications to improve the floor plan, redesign and upgrade of the kitchen, adding a pantry, relocating laundry room, and adding a second bath to the three bedroom quarters. Existing bathrooms will be remodeled and floors repaired and/or have floor covering replaced throughout. Insulate entire unit to current energy standards and repair and expand heating and cooling systems. Install fire sprinkler and reporting system. Upgrade electrical system including fixtures to current standards. Install telephone and cable television outlets in bedrooms. Repair/replace and refinish interior doors and hardware, stairs and rails, and wood trim. Repair/replace roofing, roof sheathing, flashing, gutters, downspouts, exterior wood trim, exterior doors and hardware, windows and window screens. Reline chimneys. Paint interior throughout and exterior complete. Asbestos and lead based paint have been identified in all quarters and abatement will be accomplished. Upgrade landscaping, playgrounds and</p>							

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
ARMY			FEBRUARY 1997
3. INSTALLATION AND LOCATION			
Fort Benning, Georgia			
4. PROJECT TITLE		5. PROJECT NUMBER	
Family Housing Improvements		38788	
<p><u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u></p> <p>recreational deficiencies, underground electric and telephone lines, streetlights, and storm drainage. Replace utility lines (gas, water and sewer), as required. Upgrade parking, repave streets and install new sidewalks. Repair exterior garages and replace trash enclosures. Five percent of these quarters will be accessible and easily modifiable to accommodate the requirements of the handicapped.</p>			
<p><u>PROJECT:</u> Whole neighborhood revitalization of 120 historic district company grade officer quarters. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to improve existing conditions of the quarters, neighborhood amenities and support facilities to conform to adequate standards of comfort, habitability, safety, energy conservation and to extend the life expectancy of these units.</p> <p><u>CURRENT SITUATION:</u> The two-story, four-plex quarters consists of 120 three bedroom units. These 64 year old quarters have had no major improvements since original construction but are structurally sound. Asbestos and lead based paint have been identified in all houses and pose a hazard to occupants and workers. The kitchens are too small and do not have garbage disposals, dishwashers or exhaust hoods. Cabinets and sinks are deteriorated. There are an insufficient number of bath and shower facilities. Existing bathroom fixtures are circa 1934, well worn and beyond normal maintenance or repair. Bathroom, laundry room, kitchen (range hood), and water heater are not vented. Heating and cooling systems are inadequate. Electrical system is undersized. Units do not have adequate sidewalks or parking. Exterior garages are deteriorated and failing. Overhead and buried utility systems and streets are in a failing condition and need repair. Storm water runoff causes erosion problems around units due to inadequate drainage and grading. The mission tile roofs and roofing foundation of these historic buildings are becoming loose with increasing frequency which allows water to enter the houses causing extensive damage to plaster ceilings, walls, wood floors and occupant owned furniture. Neighborhood recreational facilities, consisting of one tot lot, are inadequate.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, service members will continue to reside in inadequate housing which will continue to deteriorate. Maintenance and energy costs will continue to accelerate and the health, safety and quality of life of the occupants will be diminished.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 2 October 95. Interior and exterior designs (including site structures) will be coordinated and approved by the Georgia State Historic Preservation Office in accordance with Section</p>			

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1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA		2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Fort Riley, Kansas			4. PROJECT TITLE Family Housing Improvements		
5. PROGRAM ELEMENT 88742A	6. CATEGORY CODE 711	7. PROJECT NUMBER 41700	8. PROJECT COST (\$000) Auth 7,900 Approp 7,900		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY					6,713
Revitalize SR NCO Units		FA	40	60,425	(2,417)
Revitalize JR NCO Housing		FA	80	52,125	(4,170)
Building Information Systems		LS	--	--	(126)
SUPPORTING FACILITIES					366
Electric Service		LS	--	--	(3)
Paving, Walks, Curbs And Gutters		LS	--	--	(145)
Site Imp(218) Demo()		LS	--	--	(218)
ESTIMATED CONTRACT COST					7,079
CONTINGENCY PERCENT (5.00%)					354
SUBTOTAL					7,433
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					446
TOTAL REQUEST					7,879
TOTAL REQUEST (ROUNDED)					7,900
INSTALLED EQT-OTHER APPROPRIATIONS					(0)
10. Description of Proposed Construction Whole neighborhood revitalization of 120 junior and senior enlisted two and three bedroom, brick veneer Wherry housing units constructed in 1950. Work includes modernizing bathrooms and kitchens including installation of dishwashers and garbage disposals, adding half baths, soundproofing walls between apartments, electrical and mechanical upgrades including copper water lines and meter drops, fire, health and life safety repairs, asbestos and lead based paint abatement, landscaping, exterior storage, trash enclosures, stoops, patios and privacy fencing. Exterior work includes provision of additional off street parking, and improvements to storm drainage and landscaping. At least 5 percent of the units will be revitalized such that they are accessible and easily modifiable to accommodate the requirements of the handicapped.					
PROJECT: Whole neighborhood revitalization of 120 junior and senior enlisted two and three bedroom Wherry housing units (40 senior and 80 junior enlisted). (Current Mission)					
REQUIREMENT: This project is required to improve existing conditions of these enlisted family housing quarters to conform to adequate standards of comfort, habitability, safety, energy conservation, and to extend the life					

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 1997
3. INSTALLATION AND LOCATION Fort Riley, Kansas		
4. PROJECT TITLE Family Housing Improvements		5. PROJECT NUMBER 41700
<p><u>REQUIREMENT:</u> (CONTINUED) expectancy of the quarters.</p> <p><u>CURRENT SITUATION:</u> The 120 sets of quarters were built in 1950 of wood frame construction with brick veneer. Revitalization of bathroom and kitchens components is required. The 80 junior NCO units require the addition of a half bath on the first floor within the current building envelope. Some of the senior units require addition of a half bath. In addition, eight of the senior NCO units will be made accessible for the handicapped. All units require repair and upgrade to plumbing and electrical systems, fire, health and life safety repairs, trash enclosures and exterior entrances. Additional off street parking is required to eliminate congestion and permit adequate visibility of children at play. Lead based paint abatement and asbestos removal will occur concurrently with other work.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the quarters will continue to deteriorate, causing maintenance and energy costs to accelerate. Service members will continue to reside in inadequate quarters which adversely affects the health, safety and quality of life of these enlisted personnel and their families.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 2 October 1995. The life cycle cost analysis shows revitalization to be more cost effective than all other feasible alternatives.</p>		
<p style="text-align: right;">Installation Engineer: Ltc Garry Heer Phone Number: 913/239-3906</p>		

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Fort Monmouth, New Jersey				4. PROJECT TITLE Family Housing Improvements		
5. PROGRAM ELEMENT 88742A	6. CATEGORY CODE 711	7. PROJECT NUMBER 3033	8. PROJECT COST (\$000)			
			Auth 5,100 Approp 5,100			
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY					4,191	
Revitalize Senior NCO Qtrs		FA	48	82,100	(3,941)	
Revitalize Field Grade Qtrs		FA	2	70,700	(141)	
Revitalize Command SGM Qtrs		FA	1	73,750	(74)	
Building Information Systems		LS	--	--	(35)	
SUPPORTING FACILITIES					426	
Water, Sewer, & Gas		LS	--	--	(128)	
Paving, Walks, Curbs & Gutters		LS	--	--	(281)	
Site Imp(17) Demo()		LS	--	--	(17)	
ESTIMATED CONTRACT COST					4,617	
CONTINGENCY PERCENT (5.00%)					231	
SUBTOTAL					4,848	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					291	
TOTAL REQUEST					5,139	
TOTAL REQUEST (ROUNDED)					5,100	
INSTALLED EQT-OTHER APPROPRIATIONS					(0)	
10. Description of Proposed Construction Whole neighborhood revitalization of 49 historic senior noncommissioned officer family quarters constructed in 1930-34 and two historic field grade officer family quarters constructed in 1925-1926. Scope of work includes construction of rear additions to increase bedroom and kitchen space and accommodate a family room and new bathrooms on the first and second floors. Individual access to storage areas will be provided. The existing bathroom will be refurbished and the kitchens will be reconfigured by replacing cabinets and countertops, installing garbage disposals and dishwashers. Kitchen floors will be replaced and all floors refinished. Lead base paint hazard will be abated and the building envelope insulated. The original plumbing and electrical systems will be replaced, and air conditioning added. One building will be converted from two, two-bedroom family dwelling units to a single unit for the Command Sergeant Major. Supporting facilities include installing patios, replacing sewer laterals, repaving roads, walks and steps, improving landscaping, installing signage, and repair and improvement of garages. Two dwelling units will be accessible and easily modifiable to accommodate requirements of the physically handicapped.						

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1997
3. INSTALLATION AND LOCATION		
Fort Monmouth, New Jersey		
4. PROJECT TITLE	5. PROJECT NUMBER	
Family Housing Improvements	3033	
<p>PROJECT: Whole neighborhood revitalization of 51 historic field grade officer and senior enlisted family dwelling units and the supporting infrastructure. (Current Mission)</p> <p>REQUIREMENT: This project is required to improve existing conditions of the quarters to conform to adequate standards of comfort, habitability, safety, to provide quarters comparable to new construction standards, and to extend the life expectancy of the quarters.</p> <p>CURRENT SITUATION: The family housing complex consists of 24 two story duplex buildings containing 48 three-bedroom and 2 two-bedroom units constructed in the 1930's, and one three-story wood family housing structure with two four-bedroom dwelling units constructed in 1925-1926. Dwelling units are deficient in space and require an additional 1/2 bath. The net square meter (NSM) area for the three bedroom units is 95.7 and 67.8 for the two bedroom units. The configuration of the kitchens are inefficient, cramped and awkward. Units are not air conditioned or adequately insulated. Electrical and plumbing systems are original construction and have reached the end of their natural lives. The existing plaster surfaces are coated by layers of lead based paint. Landscaping is haphazard and overgrown, garages are in need of repair, patios do not exist and roads and walks require repair.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, the quarters will continue to deteriorate with maintenance costs continuing to accelerate and the health, safety and quality of life of the residents will be diminished.</p> <p>ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 2 October 1995. Dwelling units will not exceed allowable net square footages and work will be in compliance with the national historic rehabilitation standards. An economic analysis has been prepared and utilized in analyzing this project.</p>		
<p>Installation Engineer: Jim W. Ott Phone Number: 908/532-3854</p>		

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Germany Various, Germany				4. PROJECT TITLE Family Housing Improvements		
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 42146		8. PROJECT COST (\$000) Auth 5,200 Approp 5,200	
9. COST ESTIMATES						
ITEM					U/M	QUANTITY
					UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,980
Revitalize 2-bedroom					FA	10 87,000 (870)
Revitalize 3-bedroom					FA	11 105,000 (1,155)
Revitalize 4-bedroom					FA	17 115,000 (1,955)
<u>SUPPORTING FACILITIES</u>						679
Water, Sewer, Gas					LS	-- -- (38)
Site Imp(641) Demo()					LS	-- -- (641)
ESTIMATED CONTRACT COST						4,659
CONTINGENCY PERCENT (5.00%)						233
SUBTOTAL						4,892
SUPERVISION, INSPECTION & OVERHEAD (6.50%)						318
TOTAL REQUEST						5,210
TOTAL REQUEST (ROUNDED)						5,200
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10. Description of Proposed Construction Whole neighborhood revitalization of 7 officer and 31 enlisted single two story, duplex and fourplex family quarters (10 two-, 11 three-, 17 four-bedroom dwelling units) to current standards including neighborhood amenities, supporting infrastructure and energy efficiency. Buildings were constructed between 1938 and 1940. Work includes replacing interior heating, hot and cold water systems and drain lines. Upgrade electrical system including main and sub-distribution wiring and light fixtures. Replace all doors and repair/replace floors, wall plaster, and perform interior painting. Provide a second bath room for the three and four bedroom units, upgrade existing bathrooms, including fixtures, wall and floor tiles, and install washers and dryers in each apartment. Install suspended ceiling, replace stairs and railing. Replace roof tiles, flashing, rain gutters and down spots. Install carports and exterior lighting and upgrade landscaping.						
PROJECT: Whole neighborhood revitalization of 7 officer and 31 enlisted family quarters. (Current Mission)						

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 1997
3. INSTALLATION AND LOCATION Germany Various, Germany		
4. PROJECT TITLE Family Housing Improvements		5. PROJECT NUMBER 42146
<p><u>REQUIREMENT:</u> This project is required to improve existing conditions of these officer and enlisted family housing quarters to conform to adequate standards of comfort, habitability, safety, energy conservation, and to extend the life expectancy of these units.</p> <p><u>CURRENT SITUATION:</u> These family quarters consist of 10 two bedroom units at 116.0 net square meters (NSM), 11 three bedroom units at 105.0 NSM, and 17 four bedroom units at 161.4 NSM. These buildings are from 54 to 56 years old and have not been revitalized since original construction. Floors are deteriorated as well as heating, hot and cold water lines. Main distribution panels and electric lines are overaged with very brittle insulation and no longer meet safety standards. Interior plaster and paint are chipping and cracking. Heating and water pipes are filled with calcareous deposits to the point of closure. Installation of an insulated suspended ceiling is required to bring rooms to a normal room height and save energy year round. Moisture in basement precludes occupant storage because of dampness and mildew. Partial improvements have been made to some units in that 16 kitchen and bathrooms were repaired in 1992 and exterior insulation was installed on all units in 1984.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, service members will continue to reside in inadequate housing which will continue to deteriorate, causing maintenance and energy costs to accelerate. This adversely affects the health, safety and quality of life of these soldiers and their families. No improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years.</p> <p><u>ADDITIONAL:</u> The only project performed within the last three years was a limited kitchen and bathroom project in 16 units. This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project corrects all deficiencies, precluding the necessity for additional major investments over the next 5 years, or total planned replacement for 35 years. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 2 October 95. This project has been reviewed by Headquarters, US Army Europe (USAREUR) and approved by the Commander-in-Chief, US Army Europe (CINCUSAREUR). It is still required after all planned troop reductions. An economic analysis has been prepared and utilized in evaluating this project.</p> <p><u>NATO INFRASTRUCTURE:</u> This project is not within an established NATO Infrastructure Category for Common Funding, nor is it expected to become eligible.</p>		
<p>Installation Engineer: Major Harman Phone Number: DSN 475-8325</p>		

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Germany Various, Germany				4. PROJECT TITLE Family Housing Improvements		
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 45124		8. PROJECT COST (\$000) Auth 5,300 Approp 5,300	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY						4,032
Revitalize 4-bedroom units			FA	18	82,000	(1,476)
Revitalize 3-bedroom units			FA	18	75,000	(1,350)
Revitalize 2-bedroom units			FA	18	67,000	(1,206)
SUPPORTING FACILITIES						672
Electric Service			LS	--	--	(146)
Water, Sewer, Gas			LS	--	--	(175)
Paving, Walks, Curbs And Gutters			LS	--	--	(100)
Storm Drainage			LS	--	--	(102)
Site Imp(149) Demo()			LS	--	--	(149)
ESTIMATED CONTRACT COST						4,704
CONTINGENCY PERCENT (5.00%)						235
SUBTOTAL						4,939
SUPERVISION, INSPECTION & OVERHEAD (6.50%)						321
TOTAL REQUEST						5,260
TOTAL REQUEST (ROUNDED)						5,300
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10. Description of Proposed Construction Whole neighborhood revitalization of 54 junior enlisted (18 two, 18 three and 18 four bedroom) multi-story stairwell apartment family housing units, constructed in 1955, to current standards including neighborhood amenities, supporting infrastructure and energy efficiency. Work includes increasing the size of these units to modify the floor layout, redesign and upgrade kitchen and bathroom, replace and add closets, add second bathroom to three and four bedroom quarters. Replace floor covering, interior plumbing, heating lines and radiators. Upgrade electrical system including fixtures to current standards. Install new interior and exterior doors and hardware, and renovate entries, stairwells and basement areas. Insulate attics and exteriors, replace roofing and paint. Upgrade landscaping, playgrounds, trash and recycling areas. Replace utility lines (gas, water and sewer). Improve and add parking, walkways, lighting and repave streets.						
PROJECT: Whole neighborhood revitalization of 54 junior enlisted family quarters. (Current Mission)						

1. COMPONENT	FY 1998 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
ARMY			FEBRUARY 1997
3. INSTALLATION AND LOCATION			
Germany Various, Germany			
4. PROJECT TITLE		5. PROJECT NUMBER	
Family Housing Improvements		45124	
<p>REQUIREMENT: This project is required to improve existing conditions of these enlisted family housing quarters to conform to adequate standards of comfort, habitability, safety, energy conservation, and to extend the life expectancy of these units.</p> <p>CURRENT SITUATION: These multi-story apartment buildings consist of 18 two bedroom units at 71.5 net square meters (NSM), 18 three bedroom units at 86.6 NSM and 18 four bedroom units at 94.8 NSM. These 40 year old units have had no major improvements since original construction, but are structurally sound. The exterior walls and insulation are in need of repair to improve energy efficiency. Entrances are antiquated and stairwells in need of repair to improve safety. Laundry facilities need to be relocated into each dwelling unit and storage areas are in need of renovation. Kitchens are too small, laid out inefficiently and do not have dishwashers or exhaust hoods. Cabinets, sinks and surfaces have deteriorated. Existing bathroom fixtures are worn out and the three and four bedroom units have insufficient number of bath and shower facilities. Heating systems must be replaced and distribution is inadequate. Electrical system is deteriorated and undersized. Units do not have adequate walkways or parking. Buried utility systems and streets are failing and need major repair or replacement. Storm water runoff ponds in streets and around houses due to inadequate drainage. Neighborhood recreational facilities consist of only two inadequate tot lots. This project includes all work required to bring these units up to current standards.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, the quarters will continue to deteriorate, causing maintenance and energy costs to accelerate. Service members will continue to reside in inadequate quarters which adversely affects the health, safety and quality of life of these enlisted personnel and their families. No improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years.</p> <p>ADDITIONAL: This project has been coordinated with the installation physical security plan, and no security improvements are required. CINC USAREUR's Conventional Forces Europe (CFE) planners have certified the end-state requirement for this installation. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and engineering Instructions (AEI), Design Criteria, dated 2 October 1995. The life cycle cost analysis shows revitalization to be more cost effective than all other feasible alternatives.</p> <p>NATO INFRASTRUCTURE: This project is not within an established NATO Infrastructure Category for Common Funding, nor is it expected to become eligible.</p>			
<p>Installation Engineer: Major Bob Davis</p> <p>Phone Number: DSN 421-2807</p>			

1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Germany Various, Germany				4. PROJECT TITLE Family Housing Improvements		
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 45735		8. PROJECT COST (\$000) Auth 8,300 Approp 8,300	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY						7,104
Revitalize 2-Bedroom Units			FA	48	65,000	(3,120)
Revitalize 3-Bedroom Units			FA	24	70,000	(1,680)
Add Bath/Laundry Room			FA	72	32,000	(2,304)
SUPPORTING FACILITIES						278
Electric Service			LS	--	--	(11)
Water, Sewer, Gas			LS	--	--	(25)
Paving, Walks, Curbs And Gutters			LS	--	--	(48)
Storm Drainage			LS	--	--	(13)
Site Imp(22) Demo()			LS	--	--	(22)
Replace Entry Roofs			LS	--	--	(159)
ESTIMATED CONTRACT COST						7,382
CONTINGENCY PERCENT (5.00%)						369
SUBTOTAL						7,751
SUPERVISION, INSPECTION & OVERHEAD (6.50%)						504
TOTAL REQUEST						8,255
TOTAL REQUEST (ROUNDED)						8,300
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10. Description of Proposed Construction Whole neighborhood revitalization of 72 (48 two and 24 three bedroom) junior enlisted multi-story stairwell apartment type family housing units constructed in 1952, to current standards including neighborhood amenities, supporting infrastructure and energy efficiency. Work includes improvements to the floor plan, upgrade of the kitchen and bathrooms, adding second baths to three-bedroom units and laundry closets to all apartments; replace interior heating systems, upgrade electrical systems to include 110V, replace surface mounted phone and TV cabling with under-plaster installation and adequate flush mounted outlets; install fire alarm system in stairwells and basement hallways; repair plaster and flooring; repaint walls and ceilings throughout; replace doors, hardware, plumbing lines, built-in wardrobes and upgrade stairwells; and add new entryways. Supporting facility work includes upgrade of walkways, lighting and landscaping; repair streets; provide additional parking; and replace exterior sewer and water branch lines.						
PROJECT: Whole neighborhood revitalization of 72 junior enlisted family quarters. (Current Mission)						

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 1997
3. INSTALLATION AND LOCATION Germany Various, Germany		
4. PROJECT TITLE Family Housing Improvements	5. PROJECT NUMBER 45735	
<p><u>REQUIREMENT:</u> This project is required to improve existing conditions of these junior enlisted family housing quarters to conform to adequate standards of comfort, habitability, safety, energy conservation, and to extend the life expectancy of these units.</p> <p><u>CURRENT SITUATION:</u> These family quarters consist of 48 two-bedroom units at 96.4 net square meters (NSM) and 24 three-bedroom units at 114.5 NSM. These 44 year old units have had no major improvements since original construction other than mid-1980 installation of insulated windows, repaired roofs and exterior wall and roof insulation. Original kitchen cabinetry is deteriorated and unsightly, having far exceeded it's useful life. Kitchens lack dishwashers and exhaust hoods. Existing bathroom facilities are worn out. There are no second bathrooms in 3 bedroom units. Communal laundry equipment is shared in dismal basements, requiring a climb of up to four floors. Interior utility systems are failing and need replacement. Units have only one parking space each. Walkways are inadequate and insufficient and as are neighborhood amenities like tot lots, gathering areas and landscaping.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the quarters will continue to deteriorate, causing maintenance and energy costs to accelerate. Service members will continue to reside in inadequate quarters which adversely affects the health, safety and quality of life of these enlisted personnel and their families. No improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan and no physical security and/or combatting terrorism (CBT/T) improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 2 October 1995. The life cycle cost analysis shows revitalization to be more cost effective than all other feasible alternatives.</p> <p><u>NATO INFRASTRUCTURE:</u> This project is not within an established NATO Infrastructure Category for Common Funding, nor is it expected to become eligible.</p>		
<p style="text-align: right;">Installation Engineer: Major McMillen Phone Number: DSN 380-1560</p>		

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
PLANNING AND DESIGN

(\$ in Thousands)	
FY 1998 Program	\$9,550
FY 1997 Program	\$2,963

PURPOSE AND SCOPE

This program provides funding for preparing working drawings, specifications, cost estimates, project planning reports, final design drawings and reviews of construction proposals. Also included are architectural and engineering services supporting new or post acquisition construction projects, and costs incurred in developing requests for project proposals. These funds also are used to plan and design future family housing construction projects and family housing energy conservation projects.

PROGRAM SUMMARY

Authorization and appropriation are requested for \$9,550,000 in FY 1998 to fund family housing construction planning and design activities. The funds will provide for final design work on FY 1998 and FY 1999 projects, and for initial concept designs for FY 2000 projects to ensure that construction contracts can be awarded in the respective fiscal years.

The FY 1998 planning and design program supports the Army's continuing emphasis on the whole neighborhood revitalization program. Revitalization projects require a greater degree of planning and design than do new construction projects. This additional design effort is necessary to ensure modernization requirements, including supporting utility systems and infrastructure, are efficiently and effectively integrated into existing structures.

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ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
OPERATION, UTILITIES, AND MAINTENANCE

	(\$ in Thousands)
FY 1998 Program	914,881
FY 1997 Program	984,944

PURPOSE AND SCOPE

Operation Accounts. The operating accounts portion of the program provides for expenses in the following subaccounts and includes both direct and indirect support, as applicable:

1. Management - Provides resources for family housing management, installation administrative support and for services provided by Community Homefinding, Relocation, and Referral Services. Includes housing requirements surveys, condition assessments of existing housing, and development of family housing construction and repair projects. Also includes the installation and operation of the Housing Operation Management Systems (HOMES) to support effective housing management.

2. Services - Provides basic installation service support functions such as refuse collection and disposal, pest control, snow removal and street cleaning. Includes the cost of family housing's proportionate share of police and fire protection.

3. Furnishings - Provides for procurement, management, control, moving and handling of furnishings; plus maintenance, repair, and replacement of the existing furnishings inventory.

4. Miscellaneous - Provides payments to operate non-Department of Defense or foreign housing units, usually on permit, occupied by Army personnel.

Utilities Account. The utilities account includes the costs of heat, air conditioning, electricity, water, and sewage for family housing units. It also includes the costs to operate boiler plants and sewage systems used solely by family housing.

Maintenance Account. The maintenance account provides funding for the following activities required to maintain family housing real property assets:

1. Dwellings - Includes service calls, routine maintenance, annual repairs, interior and exterior painting, between occupancy maintenance, repairing/restoring damage caused by fires or storms, and major repair work including projects deferred in prior years.

ARMY FAMILY HOUSING
 FY 1998 BUDGET ESTIMATE
 OPERATION, UTILITIES, AND MAINTENANCE (continued)

2. Exterior Utilities - Includes costs for maintenance and repair of sewer and water lines, primary and secondary electric lines, and other exterior utilities exclusively for use by family housing.

3. Other Real Property - Includes work on grounds, surfaced areas, and other real property serving family housing.

4. Incidental Improvements - Includes low-cost minor (incidental) improvements for less than \$3,000 per dwelling unit normally performed concurrently with maintenance and repair projects. Also includes modifications to quarters to meet the needs of exceptional family members.

Reimbursement Authority. This account provides authority to incur additional costs for services and repair of damages to be reimbursed by collection of payments from Federal and non-Federal sources.

PROGRAM SUMMARY

Authorization and appropriation are requested for \$914,881,000 for FY 1998. This amount, together with estimated reimbursements of \$17,000,000 will fund the Operation and Maintenance program of \$931,881,000. A summary follows:

(\$ in thousands)

<u>Operation</u>	<u>Utilities</u>	<u>Maintenance</u>	<u>Total Direct</u>	<u>Reimburse- ments</u>	<u>Total Program</u>
180,756	265,732	468,393	914,881	17,000	931,881

The FY 1998 operation, utilities, and maintenance programs include the following major initiatives:

1. Continuing the operation, maintenance, and improvement of the Housing Operation Management System (HOMES), an Army-wide computer system designed to support all phases of housing management. On-going initiatives include making HOMES more user friendly, improving management output reports, and establishing methods for system improvements and changes.

2. Continuing efforts to identify adequate housing in communities which is affordable for the soldier. Where shortages exist, housing surveys are reviewed and project proposals are

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
OPERATION, UTILITIES AND MAINTENANCE (continued)

developed to request new construction, or leasing of additional housing for military families.

3. Achieving the annual Army Energy Conservation goal of 1.5 percent. Utility consumption per unit is being reduced as a result of energy conserving repair and revitalization projects.

4. Continuing the program to revitalize the family housing inventory by emphasizing the accomplishment of all annual, recurring maintenance and repair. Concurrently, work planned to upgrade units to current construction standards incorporates deferred maintenance and repairs. The result extends the useful life of the quarters, reduces future maintenance and utility costs, and increases occupancy in the outyears.

5. Since FY 1992, reductions in Army Family Housing inventory have kept pace with reductions in active component military strength. In FY 1992, the Army's military strength included approximately 711,000 active component members; the family housing inventory included nearly 187,000 units. By the end of FY 1998, military strength will be approximately 495,000 and the housing inventory will be at 132,700 units. While active component strength decreased 30% over this period, the Army reduced its family housing inventory by 29%. Notwithstanding inventory reductions already accomplished, the Army will continue to aggressively pursue removing units which are either excess to requirements or uneconomical to repair.

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FAMILY HOUSING, ARMY
OPERATION AND MAINTENANCE, SUMMARY (WORLDWIDE)

Excludes Leased Units and Costs

FY 1998

A. INVENTORY DATA	FY 96		FY 97		FY 98	
	CURRENT ESTIMATE	BUDGET REQUEST	BUDGET REQUEST	TOTAL COST	UNIT COST	TOTAL COST
				(\$)	(\$)	(\$000)
INVENTORY BEGINNING OF YEAR	124,858	122,453	122,453		118,876	
INVENTORY END OF YEAR	122,453	120,798	120,798		117,407	
AVERAGE INVENTORY	123,656	121,626	121,626		118,142	
UNITS REQUIRING O&M FUNDING:						
a. Coterminous U.S.	83,162	81,647	81,647		78,359	
b. U.S. Overseas	12,660	12,691	12,691		12,670	
c. Foreign	27,834	27,288	27,288		27,113	
d. Worldwide	123,656	121,626	121,626		118,142	
	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
	(\$)	(\$000)	(\$)	(\$000)	(\$)	(\$000)
B. FUNDING REQUIREMENT						
1. OPERATION						
a. Management	724	89,567	696	84,678	678	80,089
b. Services	437	54,001	441	53,684	448	52,936
c. Furnishings	395	48,814	403	49,057	401	47,404
d. Miscellaneous	3	318	10	1,241	3	327
SUBTOTAL - OPERATION	1,558	192,700	1,551	188,660	1,530	180,756
2. UTILITIES	2,091	258,515	2,223	270,391	2,249	265,732
3. MAINTENANCE						
a. Annual Recurring M&R	1,919	237,334	1,993	242,409	2,095	247,499
b. Major M&R Projects	2,329	287,966	1,371	166,754	861	101,712
c. Exterior Utilities	336	41,529	349	42,413	367	43,304
d. M&R, Other Real Prop.	459	56,738	476	57,950	501	59,166
e. Alts. & Additions	130	16,026	135	16,368	141	16,711
SUBTOTAL MAINTENANCE	5,172	639,593	4,324	525,893	3,965	468,393
4. FOREIGN CURRENCY LOSSES/SAVINGS		26,908		0		0
5. APPROPRIATION	9,039	1,117,716	8,098	984,944	7,744	914,881
6. REIMBURSABLE PROGRAM	125	15,451	173	21,000	144	17,000
7. TOTAL O&M PROGRAM	9,382	1,160,075	8,271	1,005,944	7,888	931,881

FAMILY HOUSING, ARMY
OPERATION AND MAINTENANCE, SUMMARY (CONUS)
Excludes Leased Units and Costs
FY 1998

A. INVENTORY DATA	FY 96		FY 97		FY 98	
	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
INVENTORY BEGINNING OF YEAR		83,993		82,330		79,041
INVENTORY END OF YEAR		82,330		80,963		77,677
AVERAGE INVENTORY		83,162		81,647		78,359
B. FUNDING REQUIREMENT						
1. OPERATION						
a. Management*	632	52,535	564	46,089	556	44,661
b. Services	366	30,443	357	29,173	361	28,250
c. Furnishings	114	9,466	120	9,825	124	9,732
d. Miscellaneous	0	0	0	0	0	0
SUBTOTAL - OPERATION	1,112	92,444	1,042	85,088	1,055	82,644
2. UTILITIES						
3. MAINTENANCE	1,382	114,901	1,431	116,870	1,448	116,223
a. Annual Recurring M&R	1,759	146,315	1,830	149,388	1,946	152,525
b. Major M&R Projects	2,076	172,630	1,194	97,448	727	57,005
c. Exterior Utilities	353	29,333	367	29,949	390	30,578
d. M&R, Other Real Prop.	445	37,028	463	37,806	493	38,599
e. Alts. & Additions	134	11,170	140	11,404	149	11,644
SUBTOTAL MAINTENANCE	4,768	396,476	3,993	325,994	3,705	290,351
4. FOREIGN CURRENCY LOSSES/SAVINGS		0		0		0
5. APPROPRIATION	7,261	603,821	6,466	527,952	6,243	489,218
6. REIMBURSABLE PROGRAM	133	11,046	193	15,744	149	11,694
7. TOTAL O&M PROGRAM	7,394	614,867	6,659	543,696	6,393	500,912

* Cost includes continuing support for units included in
DoD Family Housing Improvement Fund Projects in FORSCOM.

FAMILY HOUSING, ARMY
OPERATION AND MAINTENANCE, SUMMARY (U.S. OVERSEAS)
Excludes Leased Units and Costs
FY 1998

A. INVENTORY DATA	FY 96		FY 97		FY 98	
	CURRENT ESTIMATE		BUDGET REQUEST		BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR		12,608		12,712		12,670
INVENTORY END OF YEAR		12,712		12,670		12,670
AVERAGE INVENTORY		12,660		12,691		12,670
B. FUNDING REQUIREMENT						
	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management	754	9,549	690	8,763	705	8,938
b. Services	346	4,377	389	4,931	386	4,887
c. Furnishings	525	6,646	480	6,090	490	6,209
d. Miscellaneous	25	318	25	320	26	327
SUBTOTAL - OPERATION	1,650	20,889	1,584	20,103	1,607	20,361
2. UTILITIES	2,596	32,869	2,592	32,892	2,638	33,423
3. MAINTENANCE						
a. Annual Recurring M&R	2,875	36,400	2,961	37,201	3,027	37,983
b. Major M&R Projects	4,735	59,944	3,095	39,278	2,234	28,308
c. Exterior Utilities	213	2,702	220	2,762	225	2,820
d. M&R, Other Real Prop.	562	7,110	578	7,266	591	7,419
e. Alts. & Additions	308	3,896	317	3,982	324	4,066
SUBTOTAL MAINTENANCE	8,693	110,053	7,130	90,489	6,361	80,595
4. FOREIGN CURRENCY LOSSES/SAVINGS		0		0		0
5. APPROPRIATION	12,939	163,811	11,306	143,485	10,606	134,378
6. REIMBURSABLE PROGRAM	52	661	52	750	63	800
7. TOTAL O&M PROGRAM	12,992	164,472	11,365	144,235	10,669	135,178

FAMILY HOUSING, ARMY
OPERATION AND MAINTENANCE, SUMMARY (FOREIGN)
Excludes Leased Units and Costs
FY 1998

A. INVENTORY DATA	FY 96		FY 97		FY 98	
	CURRENT ESTIMATE		BUDGET REQUEST		BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	28,257		27,411		27,165	
INVENTORY END OF YEAR	27,411		27,165		27,060	
AVERAGE INVENTORY	27,834		27,288		27,113	
B. FUNDING REQUIREMENT						
	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management	987	27,483	1,093	29,826	977	26,490
b. Services	689	19,181	718	19,579	730	19,799
c. Furnishings	1,175	32,703	1,215	33,142	1,160	31,462
d. Miscellaneous	0	0	34	221	0	0
SUBTOTAL - OPERATION	2,851	79,367	3,059	83,469	2,868	77,752
2. UTILITIES	3,979	110,744	4,421	120,629	4,282	116,086
3. MAINTENANCE						
a. Annual Recurring M&R	1,962	54,618	2,021	55,819	2,066	56,992
b. Major M&R Projects	1,990	55,392	1,100	30,028	605	16,398
c. Exterior Utilities	341	9,494	351	9,703	359	9,907
d. M&R, Other Real Prop.	453	12,600	466	12,878	477	13,148
e. Alts. & Additions	35	960	36	981	36	1,002
SUBTOTAL MAINTENANCE	4,781	133,065	4,009	109,410	3,594	97,447
4. FOREIGN CURRENCY LOSSES/SAVINGS		26,908		0		0
5. APPROPRIATION	12,578	350,084	11,489	313,507	10,744	291,285
6. REIMBURSABLE PROGRAM	135	3,744	165	4,506	166	4,506
7. TOTAL O&M PROGRAM	13,679	380,736	11,654	318,013	10,910	295,791

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
HISTORIC HOUSING COSTS

	DU's	(\$000) FY 98
A. Non GFOQ Dwelling Units (DU's)		
- Line-item Improvements:	171	21,400
- Maintenance and Repair:	1,679	22,624
B. GFOQ Dwelling Units (DU's)		
- Line-item Improvements:	0	0
- Maintenance and Repair:	160	7,585
C. Grand Total	2,010	51,609

This exhibit provides information regarding maintenance and repair costs to housing units designated as historically significant under provisions of the National Historical Preservation Act, P.L. 89-665 as amended. The costs for all units include recurring maintenance and repair, major repairs, incidental improvements, and major improvements/renovations.

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ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
OPERATION ACCOUNT

(\$ in Thousands)	
FY 1998 Program	180,756
FY 1997 Program	188,660

The operation account represents the day-to-day cost of providing family housing services. The FY 1998 program was developed using prescribed inflation, civilian pay raise, and foreign currency formulation rates. To the extent known, adjustments have been made for base closures and planned divestitures. Each operation subaccount is described on the following pages:

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ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
OPERATION ACCOUNT
MANAGEMENT SUBACCOUNT

	(\$ in Thousands)
FY 1998 Program	80,089
FY 1997 Program	84,678

The FY 1998 request for the management subaccount is based on level of effort in prior years required for housing staffs, referral services, housing surveys, environmental studies, and project planning.

Pricing adjustments are based on OSD prescribed pay and non-pay inflation factors and foreign currency rates. Program decreases are due to cost reductions in the areas of management and professional support services, travel and training. Additional program decreases are a result of base closures and by replacement of fewer units than those demolished in the construction program. Inventory reductions will occur, for example, at Fort Totten (188), Fort Knox (65), Fort Monmouth (247), Fort Clayton (105), Vint Hill Farms Station (200), Fitzsimmons Army Medical Center (71), and Stewart Annex (80). The Army also plans to demolish an additional 300 dwelling units deemed uneconomical to repair. Inventory reduction adjustments reflect the sum of computed changes at MACOM level cost per unit rather than changes at an Army-wide cost per unit.

ARMY FAMILY HOUSING
 FY 1998 BUDGET ESTIMATE
 OPERATION ACCOUNT
 MANAGEMENT SUBACCOUNT

RECONCILIATION OF INCREASES AND DECREASES
 EXHIBIT OP-5

\$ In Thousands

1.	FY 1997 President's Budget Request		84,678
2.	FY 1997 Appropriated Amount		84,678
3.	Program Decrease - Below threshold reprogramming		-2,418
4.	FY 1997 Current Estimate		82,260
5.	Price Adjustments - Includes pay and non-pay inflation and changes in the foreign currency exchange rates		575
6.	Program Decreases:		-2,746
	a. Inventory reduction (avg 1,562)	-725	
	b. Management cost reductions	-2,021	
7.	FY 1998 Budget Request		80,089

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
OPERATION ACCOUNT
SERVICES SUBACCOUNT

	(\$ in Thousands)
FY 1998 Program	52,936
FY 1997 Program	53,684

The FY 1998 request is based on the required level of support for refuse collection, street cleaning, police and fire protection, pest control, and custodial services.

Pricing adjustments are based on OSD prescribed non-pay inflation factors and foreign currency rates. Program decreases are a result of base closures and by replacement of fewer units than those demolished in the construction program. Inventory reductions will occur, for example, at Fort Totten (188), Fort Knox (65), Fort Monmouth (247), Fort Clayton (105), Vint Hill Farms Station (200), Fitzsimmons Army Medical Center (71), and Stewart Annex (80). The Army also plans to demolish an additional 300 dwelling units deemed uneconomical to repair. Inventory reduction adjustments reflect the sum of computed changes at MACOM level cost per unit rather than changes at an Army-wide cost per unit.

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
OPERATION ACCOUNT
SERVICES SUBACCOUNT

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. FY 1997 President's Budget Request	53,684
2. FY 1997 Appropriated Amount	53,684
3. Program Increase - Below threshold reprogramming, Support Presidio of San Francisco	1,596
4. FY 1997 Current Estimate	55,280
5. Price Adjustments - Includes non-pay inflation and changes in the foreign currency exchange rates	-1,133
6. Program Decrease - Inventory reduction (avg 3,484)	-1,211
7. FY 1998 Budget Request	52,936

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
OPERATION ACCOUNT
FURNISHINGS SUBACCOUNT

	(\$ in Thousands)
FY 1998 Program	47,404
FY 1997 Program	49,057

The furnishings subaccount is primarily used for controlling, managing, moving and handling, maintaining, and repairing household equipment (i.e., refrigerators, ranges, and where authorized at OCONUS locations, washers and dryers) for family quarters throughout the Army. In addition, furniture items such as beds, tables, dressers, etc., are authorized for OCONUS locations.

Pricing adjustments are based on OSD prescribed pay and non-pay inflation factors and foreign currency rates. Program decreases are a result of base closures and by replacement of fewer units than those demolished in the construction program. Inventory reductions will occur, for example, at Fort Totten (188), Fort Knox (65), Fort Monmouth (247), Fort Clayton (105), Vint Hill Farms Station (200), Fitzsimmons Army Medical Center (71), and Stewart Annex (80). The Army also plans to demolish an additional 300 dwelling units deemed uneconomical to repair. Inventory reduction adjustments reflect the sum of computed changes at MACOM level cost per unit rather than changes at an Army-wide cost per unit.

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
OPERATION ACCOUNT
FURNISHINGS SUBACCOUNT

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. FY 1997 President's Budget Request	49,057
2. FY 1997 Appropriated Amount	49,057
3. Program Decrease - Below threshold reprogramming	-457
4. FY 1997 Current Estimate	48,600
5. Price Adjustments - Includes pay and non-pay inflation and changes in the foreign currency exchange rates	-785
6. Program Decreases - Inventory reduction (avg 3,484)	-411
7. FY 1998 Budget Request	47,404

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
OPERATION ACCOUNT
MISCELLANEOUS SUBACCOUNT

	(\$ in Thousands)
FY 1998 Program	327
FY 1997 Program	1,241

The FY 1998 request includes funds for payments (usually on a permit basis) to non-Department of Defense agencies, foreign governments, state, and/or municipal agencies for housing units and/or trailer spaces provided for U.S. soldiers. The current request provides funding for housing units provided by the U.S. Coast Guard for Army families in Puerto Rico.

Pricing adjustments are based on OSD prescribed non-pay inflation factors and foreign currency rates. The requirement to pay fire insurance to the Federal Republic of Germany has been eliminated in the revised NATO Status of Forces Agreement. The program has been decreased accordingly.

FEBRUARY 1997

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
OPERATION ACCOUNT
MISCELLANEOUS SUBACCOUNT

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

\$ In Thousands

1. FY 1997 President's Budget Request	1,241
2. FY 1997 Appropriated Amount	1,241
3. Program Decreases - Below threshold reprogramming; NATO SOFA fire insurance requirement eliminated (USAREUR)	-921
4. FY 1997 Current Estimate	320
5. Price Adjustment	7
6. FY 1998 Budget Request	327

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
UTILITIES ACCOUNT

	(\$ in Thousands)
FY 1998 Program	265,732
FY 1997 Program	270,391

This program provides for all utility services for Army Family Housing. Services include electricity, natural and propane gas, steam/hot water, fuel oil, coal, water and sewage. These are must-pay costs and are essential to keep family quarters occupied.

The energy consumption reduction goal of 1.5 percent has been considered in the program. It is anticipated that the established energy reduction goals between FY 85 and FY 98 will be met (30% reduction FY 85-05). Savings realized as a result of energy conserving repair and improvement projects completed in prior years will continue to help achieve the energy reduction goals.

Fuel price adjustments and non-fuel inflation are computed at the OSD prescribed rates. Inventory adjustments are based on BRAC, and continuing efforts to divest housing which is excess to requirements or is not economically feasible to repair.

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
UTILITIES (Continued)

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. FY 1997 Presidents Budget Request	270,391
2. FY 1997 Appropriated Amount	270,391
3. FY 1997 Current Estimate	270,391
4. Price Growth and Adjustments for Fuel Inflation, DWCF and Foreign Currency	2,255
5. Program Decreases:	
a. Inventory Reduction (1,562 units)	-2,858
b. Energy Conservation	-4,056
6. FY 1998 Budget Request	265,732

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
MAINTENANCE AND REPAIR ACCOUNT

	(\$ in Thousands)
FY 1998 Program	468,393
FY 1997 Program	525,893

The value of family housing assets maintained by the Army exceeds \$18 billion in replacement costs. Ensuring that these facilities can be continuously occupied requires sound property management and timely recurring maintenance for preservation and protection of this major investment.

Funding in FY 98 for maintenance and repair is adequate to meet the annual recurring maintenance requirement and a significant portion of the major maintenance and repair requirement.

Due to the limited funding available for maintenance and repair, requests for major repair projects (M&R Over \$15,000 and GFOQ M&R Over \$25,000) have been carefully screened to ensure only essential repairs are requested. Repair projects involving historic quarters will be reevaluated following completion of the report on historic quarters required by Senate Report 104-287, June 20, 1966.

The Army continues its whole-house/whole-neighborhood revitalization program to bring existing facilities up to new construction standards. This program combines all improvements with required maintenance and repairs into one project, minimizes quarters downtime, and eliminates frequent disruptions to residents for piece-meal work. Each unit revitalized eliminates approximately \$6,000 in accumulated maintenance and repair work.

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
MAINTENANCE AND REPAIR (Continued)

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

\$ In Thousands

1. FY 1997 Presidents Budget Request	525,893
2. FY 1997 Appropriated Amount	525,893
Program Decreases - Below Threshold Reprogramming to Fund Operation and Leasing Requirement	-5,067
3. FY 1997 Current Estimate	520,826
4. Price Adjustments - Include Non-pay Inflation and Changes in the Foreign Currency Exchange Rates.	-8,200
5. Program Decreases:	
a. Inventory Reduction (3,484 units)	-6,246
b. Unfunded Maintenance and Repair	-37,987
6. FY 1998 Budget Request	468,393

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
MAINTENANCE AND REPAIR (Continued)

The Army discontinued collecting Deferred Maintenance and Repair (DMAR) at the end of fiscal year 1995 after implementing the Installation Status Report (ISR), Part I - Facilities. The ISR Part I is a decision support system designed to link current installation conditions and the resources needed to sustain and improve installation and deployment facilities. The ISR provides greater visibility for the dollars and work required, by facility category group, at an installation to improve installation readiness. Commanders assess installation facilities conditions using established Army-wide standards. The ISR integrates these quality and quantity assessments, assigns condition, or "C" ratings to the facilities, and calculates the costs to sustain current conditions or raise the installation's facilities readiness to the desired level.

Using the ISR to estimate total maintenance and repair requirements is different from our previous method of developing estimated deferred maintenance and repair. Previously, our estimate was a measure of maintenance and repair projects planned, but not accomplished. The ISR is a measure of sustainment costs plus quantity shortfalls for facilities. The advantage of using the ISR is that it illustrates the total cost to repair, revitalize, or replace family housing facilities to satisfy the total Army requirement. This allows us to portray our progress toward meeting the total Army housing requirement. Determining this progress, though, can only be accomplished for the budget years once actual maintenance and repair projects have been identified.

The cost to achieve quality condition C1 for family housing facilities is \$5,158 million. This estimate is based on ISR Part I data as of October 1996, and represents the funds necessary to fully correct quality shortfalls in the Army's current family housing inventory.

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1. COMPONENT ARMY		FY 1998 MILITARY CONSTRUCTION PROJECT DATA			2. DATE February 1997	
3. INSTALLATION AND LOCATION Various Locations - World-wide			4. PROJECT TITLE AFH Maintenance and Repair Projects over \$15,000 per Dwelling Unit			
5. PROGRAM ELEMENT 887420		6. CATEGORY CODE 771	7. PROJECT NUMBER Congressional Report Request		8. PROJECT COST (\$000) \$104,364.0	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>Projects for Repairs to</u> Family Housing Dwelling Units (Non General/Flag Officer Qtrs (GFOQ))			DU	2,597	--	\$104,364.0
10. Description of Proposed Construction Projects include work necessary to provide adequate family quarters by repairing/replacing deteriorated building components, i.e., windows, doors, kitchen and bathroom cabinets, countertops, flooring and floor covering, electrical, mechanical, and sanitary systems, light fixtures, chimneys, gutters and downspouts, roofs, and structural components as required. Replacement of building components in quarters designated as historically significant are performed on life cycle analysis, as applicable, in coordination with the State Historical Preservation Office.						
11. Requirement for Project: PROJECT: Provides repair in 2,597 units by replacing deteriorated components and/or building systems. These units do not include general or flag officers quarters as projects for those units are reported separately.						

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1997
3. INSTALLATION AND LOCATION Various Locations - World-wide		
4. PROJECT TITLE Army Family Housing Maintenance and Repair Projects over \$15,000 per Dwelling Unit (DU)		5. PROJECT NUMBER P1920
<p>REQUIREMENTS: Projects are required to accomplish necessary repairs in family quarters to correct deficiencies due to continued use, deterioration or failure of building components. The work proposed is the type necessary to assure continued occupancy, adequately maintain the facility, prevent the unit from further deterioration and is based on life cycle analysis of the component.</p> <p>CURRENT SITUATION: These units vary in age up to 115 years. The buildings are structurally sound and worthy of investment; however, the facility components and utility systems are deteriorated to the extent that maintenance is no longer effective, and major repairs or replacement of components are required. Type of repairs to be performed are based on a cost analysis.</p> <p>NOTE: This information is provided in accordance with the House Appropriation Committee, Report 104-591, May 23, 1996, requiring the Services to report major repairs in family quarters where the costs (obligations) exceed \$15,000 per dwelling unit in a fiscal year. GFOQs are reported separately where the total obligations for maintenance and repair during the fiscal year will exceed \$25,000. The project listing allows for execution of the projects in FY 98. Work required in family quarters designated historically significant will be reevaluated following completion of the review of historic quarters required by Senate Report 104-287, June, 29, 1996.</p>		

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA					2. DATE February 1997	
3. INSTALLATION AND LOCATION Various Locations - World-wide							
4. PROJECT TITLE Army Family Housing Maintenance and Repair Projects over \$15,000 per Dwelling Unit (DU)						5. PROJECT NUMBER P1920	
DESCRIPTION OF WORK TO BE ACCOMPLISHED							
STATE <u>INSTALLATION</u>	NO. <u>D.U.</u>	YEAR <u>BUILT</u>	(\$000) AVE D.U. <u>COST</u>	AVG D.U. <u>NSF</u>	TOTAL PROJECT <u>NSF</u>	(\$000) TOTAL <u>CWE</u>	(\$000) CONCUR <u>PAC</u>
<u>ALABAMA</u>							
Fort Rucker (PN 46564)	216	1958	29.2	1,377	297,360	6,303.0	0.0
Repair dwelling units by renovating kitchens and bathrooms to include the replacement of cabinets, countertops, fixtures, flooring, gypsum board, components of the electrical and sanitary systems, and painting as required. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							
<u>GEORGIA</u>							
Fort McPherson Historical (PN 47895)	2	1889	152.0	2,530	5,060	304.0	0.0
Repair dwelling units by repairing or replacing windows, electrical and sanitary systems, gutters and downspouts, cracked and deteriorated light fixtures, standing seam roofs, broken tiles on tile roofs, and repairing chimneys to include the lining. Project also includes the removal of lead-based paint throughout the unit where it can not be encapsulated primarily on the window sash and frames. Major maintenance and repair plus post acquisition construction for the past 5 years: \$97,800 (storm damage).							
<u>HAWAII</u>							
Aliamanu Military Reservation (PN 47993)	125	1978	31.2	1,417	177,115	3,900.0	0.0
Repair dwelling units by renovation of the kitchens to include the repair or replacement of cabinets, countertops, sink, faucets, garbage disposals, rangehoods, components of the electrical and sanitary systems, painting as required. Repairs also includes replacement of portions of the structural floor joists, sheathing, and floor coverings. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							
Aliamanu Military Reservation (PN 48006)	82	1978	31.1	1,420	116,429	2,554.0	0.0
Repair dwelling units by renovation of the kitchens to include the repair or replacement of cabinets, countertops, sink, faucets, garbage disposals, rangehoods, components of the electrical and sanitary systems, painting as required. Repairs also includes replacement of portions of the structural floor joists, sheathing, and floor coverings. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							

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Major maintenance and repair plus post acquisition construction for the past 5 years: None. </td> </tr> <tr> <td>Aliamanu Military Reservation (PN 48009)</td> <td style="text-align: center;">249</td> <td style="text-align: center;">1978</td> <td style="text-align: center;">31.3</td> <td style="text-align: center;">1,302</td> <td style="text-align: center;">324,081</td> <td style="text-align: center;">7,800.0</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td colspan="8" style="padding-top: 10px;"> Repair dwelling units by renovation of the kitchens to include the repair or replacement of cabinets, countertops, sink, faucets, garbage disposals, rangehoods, components of the electrical and sanitary systems, painting as required. Repairs also includes replacement of portions of the structural floor joists, sheathing, and floor coverings. 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Major maintenance and repair plus post acquisition construction for the past 5 years: None. </td> </tr> <tr> <td style="vertical-align: top;"> Schofield Barracks (PN 47975) </td> <td style="text-align: center; vertical-align: top;">210</td> <td style="text-align: center; vertical-align: top;">1971</td> <td style="text-align: center; vertical-align: top;">54.4</td> <td style="text-align: center; vertical-align: top;">989</td> <td style="text-align: center; vertical-align: top;">207,680</td> <td style="text-align: center; vertical-align: top;">10,429.0</td> <td style="text-align: center; vertical-align: top;">0.0</td> </tr> <tr> <td colspan="8" style="padding-top: 10px;"> Repair dwelling units by renovating kitchens and bathrooms to include the replacement of cabinets, countertops, fixtures, flooring, gypsum board, components of the electrical and sanitary systems, and painting as required. 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Aliamanu Military Reservation (PN 48060)	23	1978	47.8	1,404	32,295	1,100.0	0.0	Repair dwelling units with the repair or replacement of termite damaged wooden beams, post, joists, plywood floor sheathing and releveled of raised platform foundations. Major maintenance and repair plus post acquisition construction for the past 5 years: None.								Schofield Barracks (PN 47975)	210	1971	54.4	989	207,680	10,429.0	0.0	Repair dwelling units by renovating kitchens and bathrooms to include the replacement of cabinets, countertops, fixtures, flooring, gypsum board, components of the electrical and sanitary systems, and painting as required. Work also includes the replacement lavatories, conservative water closets, composite bathtubs and tub enclosures. Major maintenance and repair plus post acquisition construction for the past 5 years: None.								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Major maintenance and repair plus post acquisition construction for the past 5 years: None. </td> </tr> <tr> <td colspan="8" style="padding-top: 10px;"><u>NEW JERSEY</u></td> </tr> <tr> <td>Picatinny Arsenal (PN 47877)</td> <td style="text-align: center;">2</td> <td style="text-align: center;">1939 & 1945</td> <td style="text-align: center;">45.0</td> <td style="text-align: center;">2,578</td> <td style="text-align: center;">5,156</td> <td style="text-align: center;">90.0</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td colspan="8" style="padding-top: 10px;"> Repair dwelling units with the removal of two layers of asphalt shingles and replace them with asphalt shingles. 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Meade (PN 48080)	204	1959	16.4	958	195,415	3,355.0	0.0	Repair dwelling units by renovation of the bathrooms to include the repair or replacement of vanity and wall cabinets, medicine cabinets, lavatories, sink, hardware, components of the electrical and sanitary systems, floor covering, bath tubs, miscellaneous bath hardware, painting as required. Major maintenance and repair plus post acquisition construction for the past 5 years: None.								<u>NEW JERSEY</u>								Picatinny Arsenal (PN 47877)	2	1939 & 1945	45.0	2,578	5,156	90.0	0.0	Repair dwelling units with the removal of two layers of asphalt shingles and replace them with asphalt shingles. 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Darmstadt (PN 46526)	2	1957	60.0	1,620	3,240	120.0	0.0
Repair dwelling units by renovating the bathrooms within the unit to include cabinets, countertops, flooring and floor coverings, wall tile, components of the electrical, and sanitary systems, heat and cold water lines, doors, paint and cleanup as required. Major maintenance and repair plus post acquisition construction for the past five years: None.							
Darmstadt (PN 46527)	1	1957	80.0	1,620	1,620	80.0	0.0
Repair dwelling units by renovating the bathrooms within the unit to include cabinets, countertops, flooring and floor coverings, wall tile, components of the electrical, and sanitary systems, heat and cold water lines, doors, paint and cleanup as required. Major maintenance and repair plus post acquisition construction for the past five years: None.							
Darmstadt (PN 46528)	52	1959	135.8	1,329	69,127	7,064.0	0.0
Repair dwelling units by renovating the units with the repair or replacement of heating lines, water lines, kitchen and bathroom cabinets, countertops, ceramic floor and wall tile, floor coverings, components of the electrical, mechanical, and sanitary systems, plaster, paint and cleanup as required. Major maintenance and repair plus post acquisition construction for the past five years: None.							
Hanau (PN 46487)	54	1954 - 1963	67.1	1,044	56,376	3,625.0	0.0
Repair dwelling units by renovating the units with the repair or replacement of heating lines, water lines, kitchen and bathroom cabinets, countertops, ceramic floor and wall tile, floor coverings, components of the electrical, mechanical, and sanitary systems, plaster, paint and cleanup as required. Major maintenance and repair plus post acquisition construction for the past five years: None.							
Heidelberg (PN 43624)	8	1956	101.1	1,370	10,960	809.0	0.0
Repair dwelling units by renovating the kitchens and bathrooms to include repairing or replacing kitchen and bathroom cabinets, countertops, floor coverings, wall tile, components of the electrical, mechanical, and sanitary systems, roof, rangehood, interior walls and ceilings, paint and cleanup as required. Major maintenance and repair plus post acquisition construction for the past five years: None.							

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DESCRIPTION OF WORK TO BE ACCOMPLISHED							
STATE <u>INSTALLATION</u>	NO. <u>D.U.</u>	YEAR <u>BUILT</u>	(\$000) AVE D.U. <u>COST</u>	AVG D.U. <u>NSF</u>	TOTAL PROJECT <u>NSF</u>	(\$000) TOTAL <u>CWE</u>	(\$000) CONCUR <u>PAC</u>
Camp Walker (PN 48068)	8	1959	118.6	1,800	14,400	949.0	0.0
Repair dwelling units by renovating the unit to include replacing the heating and cooling system with a complete HVAC system, components of the electrical, mechanical, and sanitary systems, removal of asbestos, paint and cleanup as required. Work also includes the incidental construction of a mechanical room to house the replaced HVAC system and relocate hot water tank from the kitchen to the mechanical room. Major maintenance and repair plus post acquisition construction for the past five years: None							
Yongsan (PN 47995)	4	1963	69.0	1,500	6,000	276.0	0.0
Repair dwelling units by the repair or replacement of components of the electrical, mechanical, and sanitary systems, walls and ceilings, windows and casings, floor coverings, doors, kitchen and bathroom cabinets, countertops, insulation, eaves, gutters and downspouts, install rigid exterior insulation, HVAC system, paint and cleanup as required. Major maintenance and repair plus post acquisition construction for the past five years: None							
Yongsan (PN 47996)	4	1963	69.0	1,500	6,000	276.0	0.0
Repair dwelling units by the repair or replacement of components of the electrical, mechanical, and sanitary systems, walls and ceilings, windows and casings, floor coverings, doors, kitchen and bathroom cabinets, countertops, insulation, eaves, gutters and downspouts, install rigid exterior insulation, HVAC system, paint and cleanup as required. Major maintenance and repair plus post acquisition construction for the past five years: None							
Yongsan (PN 48047)	24	1958	92.7	1,324	31,776	2,224.0	0.0
Repair dwelling units by the repair or replacement of components of the electrical, mechanical, and sanitary systems, gypsum on walls and ceilings, windows and frames, floor coverings, doors, kitchen and bathroom cabinets, countertops, insulation, eaves, gutters and downspouts, install rigid exterior insulation, HVAC system, paint and cleanup as required. Work also includes the removal of asbestos. Major maintenance and repair plus post acquisition construction for the past five years: None							

1. COMPONENT ARMY	FY 1998 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1997																
3. INSTALLATION AND LOCATION Various Locations - World-wide																		
4. PROJECT TITLE Army Family Housing Maintenance and Repair Projects over \$15,000 per Dwelling Unit (DU)		5. PROJECT NUMBER P1920																
DESCRIPTION OF WORK TO BE ACCOMPLISHED <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">STATE <u>INSTALLATION</u></th> <th style="text-align: center;">NO. <u>D.U.</u></th> <th style="text-align: center;">YEAR <u>BUILT</u></th> <th style="text-align: center;">(\$000) AVE D.U. <u>COST</u></th> <th style="text-align: center;">AVG D.U. <u>NSF</u></th> <th style="text-align: center;">TOTAL PROJECT <u>NSF</u></th> <th style="text-align: center;">(\$000) TOTAL <u>CWE</u></th> <th style="text-align: center;">(\$000) CONCUR <u>PAC</u></th> </tr> </thead> <tbody> <tr> <td>Yongsan (PN 48048)</td> <td style="text-align: center;">24</td> <td style="text-align: center;">1958</td> <td style="text-align: center;">90.7</td> <td style="text-align: center;">1,324</td> <td style="text-align: center;">31,776</td> <td style="text-align: center;">2,177.0</td> <td style="text-align: center;">0.0</td> </tr> </tbody> </table> <p>Repair dwelling units by the repair or replacement of components of the electrical, mechanical, and sanitary systems, gypsum on walls and ceilings, windows and frames, floor coverings, doors, kitchen and bathroom cabinets, countertops, insulation, eaves, gutters and downspouts, install rigid exterior insulation, HVAC system, paint and cleanup as required. Work also includes the removal of asbestos. Major maintenance and repair plus post acquisition construction for the past five years: None</p>			STATE <u>INSTALLATION</u>	NO. <u>D.U.</u>	YEAR <u>BUILT</u>	(\$000) AVE D.U. <u>COST</u>	AVG D.U. <u>NSF</u>	TOTAL PROJECT <u>NSF</u>	(\$000) TOTAL <u>CWE</u>	(\$000) CONCUR <u>PAC</u>	Yongsan (PN 48048)	24	1958	90.7	1,324	31,776	2,177.0	0.0
STATE <u>INSTALLATION</u>	NO. <u>D.U.</u>	YEAR <u>BUILT</u>	(\$000) AVE D.U. <u>COST</u>	AVG D.U. <u>NSF</u>	TOTAL PROJECT <u>NSF</u>	(\$000) TOTAL <u>CWE</u>	(\$000) CONCUR <u>PAC</u>											
Yongsan (PN 48048)	24	1958	90.7	1,324	31,776	2,177.0	0.0											

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ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE

GENERAL/FLAG OFFICER QUARTERS (GFOQs)
ESTIMATED MAINTENANCE AND REPAIRS
EXCEEDING \$25,000 PER DWELLING UNIT

The projects list in this section is provided in accordance with the reporting requirement stated in House Report 104-591, May 23, 1996. This section provides information regarding the anticipated costs for those GFOQs for which maintenance and repairs in FY 98 are expected to exceed \$25,000 per dwelling unit. Maintenance and repairs include recurring work (service calls, preventive maintenance, and routine work between occupancy), as well as major repairs. Forty-nine GFOQs are listed with a total maintenance and repair cost of \$5,358,841 in FY 98.

In those quarters designated as historic, major work is coordinated with the appropriate State Historic Preservation Office. The majority of our GFOQs were built prior to the current size limitations and are generally larger than more contemporary structures. The Army has stewardship for historic dwelling units and a legal responsibility under the provisions of the National Historic Preservation Act, P.L. 89-665 as amended, to preserve and maintain these units. Deferring required repairs will accelerate the rate of deterioration, increase the final cost of repairs, and preclude compliance with Congressionally directed preservation responsibilities. However, the cost of each of the projects involving historic quarters will be reevaluated following completion of the review of historic quarters required by Senate Report 104-287, June 20, 1996.

Experience has shown that it is more cost effective to execute one large repair project on a unit to eliminate the deficiencies in lieu of programming multiple smaller projects spread over several years. The Army's project review and approval process eliminates unnecessary maintenance and repair. The requested repairs are necessary to ensure that the quarters are maintained in a safe, sanitary and livable condition. Failure to make these repairs will critically impact the condition of quarters and may render them uninhabitable.

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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DISTRICT OF COLUMBIA

Fort McNair

1 Second Ave	3,184	yes	1905	\$41,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$19,000; interior painting - \$15,000; grounds maintenance while vacant - \$1,000.

(PN 47982)

2 Second Ave	3,184	yes	1905	\$76,500	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$14,500; interior painting - \$15,000; major repairs include refinish wooden floors - \$10,000; replace fan coil units - \$10,000; repair exterior backdoor steps - \$5,000; renovate official guest bathroom - \$15,000; grounds maintenance while vacant - \$1,000.

(PN 47983)

3 Second Ave	3,184	yes	1905	\$74,500	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$19,500; interior painting - \$8,000; major repairs include refinish wooden floors - \$10,000; replace fan coil units - \$10,000; repair exterior backdoor steps - \$5,000; renovate official guest bathroom - \$15,000; grounds maintenance while vacant - \$1,000.

5 Second Ave	3,197	yes	1905	\$42,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$20,000; interior painting - \$15,000; grounds maintenance while vacant - \$1,000.

ARMY FAMILY HOUSING
 FY 1998 BUDGET ESTIMATE
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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DISTRICT OF COLUMBIA (cont'd)

Fort McNair (cont'd)

(PN 47985)

6 Second Ave	3,184	yes	1903	\$50,500	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$18,500; interior painting - \$10,000; major repairs include renovation of guest bathroom - \$15,000; grounds maintenance while vacant - \$1,000.

7 Second Ave	4,436	yes	1903	\$41,500	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$19,500; interior painting - \$15,000; grounds maintenance while vacant - \$1,000.

(PN 44696)

10 Second Ave	3,169	yes	1903	\$40,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine and preventative maintenance - \$12,000; design cost for whole house renovation project - \$22,000.

11 Second Ave	3,169	yes	1903	\$43,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$21,000; interior painting - \$15,000; grounds maintenance while vacant - \$1,000.

(PN 47986)

12 Second Ave	3,169	yes	1903	\$77,500	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$13,500; interior painting - \$15,000; major repairs include renovation of three bathrooms (master bathroom - \$15,000; official guest bathroom - \$15,000; and official entertainment area bathroom - \$6,000; repoint, patch and clean brick masonry - \$6,000; grounds maintenance while vacant - \$1,000.

ARMY FAMILY HOUSING
 FY 1998 BUDGET ESTIMATE
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

DISTRICT OF COLUMBIA (cont'd)

Ft McNair (cont'd)

(PN 44702)

13 Second Ave	3,169	yes	1903	\$237,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine and preventative maintenance - \$9,000; major repairs include whole house preservation project - \$220,000 to include repair/upgrade of interior electrical wiring; repair/replacement of interior plumbing; repair/closing of chimneys; masonry repairs and exterior painting; repair/replacement of rotten wood on interior and exterior; upgrade kitchen and bathrooms; repair pocket doors; restore hardwood floors, remove excess paint on stair railings, molding, and baseboard, and restore/replace windows; grounds maintenance while vacant - \$2,000.

(PN 44703)

15 Second Ave	3,169	yes	1903	\$237,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine and preventative maintenance - \$9,000; major repairs include whole house preservation project - \$220,000 to include repair/upgrade of interior electrical wiring; repair/replacement of interior plumbing; repair/closing of chimneys; masonry repairs and exterior painting; repair/replacement of rotten wood on interior and exterior; upgrade kitchen and bathrooms; repair pocket doors; restore hardwood floors, remove excess paint on stair railings, molding, and baseboard, and restore/replace windows; grounds maintenance while vacant - \$2,000.

GEORGIA

Fort Benning

(PN 47838)

100 Vibbert	6,118	yes	1918	\$658,600	-	-
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Maintenance and repairs include service calls - \$1,000; routine and preventative maintenance - \$3,500; repair of whole house including repair/replacement of drain lines, interior water pipes, windows, repainting of exterior surfaces, and repair of balconies; replacing failing door hardware, and lead-based paint removal - \$600,000; design of "whole house" project - \$52,100, grounds maintenance - \$2,000.

ARMY FAMILY HOUSING
 FY 1998 BUDGET ESTIMATE
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

HAWAII

Schofield Barracks
 (PN 47198)

225 General Lp	2,702	no	1918	\$97,650	-	-
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Maintenance and repairs include service calls - \$3,400; routine maintenance and change of occupancy maintenance - \$7,350; interior painting - \$1,700; replacement of water service lines, faucets, hose bibs and renovation of electrical systems - \$82,000; grounds maintenance - \$3,000; self-help - \$200.

(PN 47197)

227 General Lp	4,020	no	1918	\$115,300	-	-
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Maintenance and repairs include service calls - \$2,500; routine maintenance and change of occupancy maintenance - \$3,600; replacement of water service lines, faucets, hose bibs and renovation of electrical systems - \$103,000; grounds maintenance - \$6,000; self-help - \$200.

(PN 47198)

229 General Lp	2,702	no	1918	\$95,650	-	-
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Maintenance and repairs include service calls - \$3,400; routine maintenance and change of occupancy maintenance - \$7,350; interior painting - \$1,700; replacement of water service lines, faucets, hose bibs and renovation of electrical systems - \$80,000; grounds maintenance - \$3,000; self-help - \$200.

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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ILLINOIS

Rock Island Arsenal
(PN 48070)

4 Terrace Drive	6,985	yes	1872	\$27,000	-	-
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Maintenance and repairs include service calls - \$1,000; routine maintenance and change of occupancy maintenance - \$3,000; interior painting - \$2,000; major repair project to repair guest bath (includes replacing vanity, floor covering, medicine cabinet and lighting) - \$3,000; removal of asbestos wrapped pipes - \$18,000.

KANSAS

Ft Riley
(PN 47837)

1 Barry Avenue	7,068	yes	1888	\$51,338	-	-
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Maintenance and repairs include service calls - \$1,058; routine maintenance and change of occupancy maintenance - \$4,165; repair failing steam boiler and basement area deteriorated steam piping and removal of asbestos, patch floors and walls - \$40,000; grounds maintenance - \$3,215; incidental improvements - \$2,900.

NEW JERSEY

Ft. Monmouth, NJ
(PN 46630)

19 Allen Ave	3,693	no	1935	\$57,300	-	-
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Maintenance and repairs include service calls - \$600; routine and preventative maintenance - \$700; major repairs include replacement of cooper roof and repair exterior porches connected to roof area - \$52,000; grounds maintenance - \$4,000.

TEXAS

Fort Sam Houston

2 Staff Post	3,749	yes	1881	\$38,900	-	-
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Maintenance and repairs include service calls - \$2,000; routine and preventative maintenance - \$2,000; interior painting - \$8,000; exterior paint and repair of rotted wood members - \$25,000; grounds maintenance - \$1,900.

ARMY FAMILY HOUSING
 FY 1998 BUDGET ESTIMATE
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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TEXAS (cont'd)

Fort Sam Houston (cont'd)

3 Staff Post	3,749	yes	1881	\$38,900	-	-
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Maintenance and repairs include service calls - \$2,000; routine maintenance and change of occupancy maintenance - \$2,000; interior painting - \$8,000; exterior paint and repair of rotted wood members - \$25,000; grounds maintenance - \$1,900.

4 Staff Post	3,749	yes	1881	\$41,900	-	-
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Maintenance and repairs include service calls - \$2,000; routine maintenance and change of occupancy maintenance - \$13,000; exterior paint and repair of rotted wood members - \$25,000; grounds maintenance - \$1,900.

6 Staff Post	5,876	yes	1881	\$52,000	-	-
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Maintenance and repairs include service calls - \$2,000; routine maintenance and change of occupancy maintenance - \$3,000; interior painting - \$9,000; exterior paint and repair of rotted wood members (includes masonry repair adjacent to wood porches and decorative woodwork) - \$35,000; grounds maintenance - \$3,000.

8 Staff Post	3,749	yes	1881	\$42,900	-	-
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Maintenance and repairs include service calls - \$2,000; routine maintenance and change of occupancy maintenance - \$6,000; interior painting - \$8,000; exterior paint and repair of rotted wood members - \$25,000; grounds maintenance - \$1,900.

9 Staff Post	3,749	yes	1881	\$33,900	-	-
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Maintenance and repairs include service calls - \$2,000; routine and preventative maintenance - \$5,000; exterior paint and repair of rotted wood members - \$25,000; grounds maintenance - \$1,900.

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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TEXAS (cont'd)

Fort Sam Houston (cont'd)

10 Staff Post	3,749	yes	1881	\$38,900	-	-
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Maintenance and repairs include service calls - \$2,000; routine maintenance and change of occupancy maintenance - \$2,000; interior painting - \$8,000; exterior paint and repair of rotted wood members - \$25,000; grounds maintenance - \$1,900.

11 Staff Post	3,749	yes	1881	\$240,900	-	-
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Maintenance and repairs include service calls - \$2,000; routine maintenance and change of occupancy maintenance - \$2,000; exterior painting - \$25,000; major renovation and repair project includes replacement of electrical lines, replacement of hot water lines, replacement of domestic water lines, restoration of large pocket doors, renovation of kitchen (includes \$12,000 supervision, inspection, and overhead) -\$210,000; grounds maintenance - \$1,900.

VIRGINIA

Fort Monroe

(PN 47920)

33 Fenwick	9,482	yes	1907	\$46,500	-	-
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Maintenance and repairs include service calls - \$3,000; routine maintenance and preventative maintenance - \$3,000; interior painting - \$9,000; repair of three bathrooms located on the 2nd floor which includes plumbing repairs, electrical circuits replacement to bring up to current code, repairs to floor and wall coverings- \$30,000; grounds maintenance - \$1,500.

(PN 47541/47537/47539)

51 Fenwick	3,470	yes	1910	\$470,000	-	-
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Maintenance and repairs include service calls - \$2,000; routine maintenance and preventative maintenance - \$2,000; exterior painting - \$20,000; major repair to whole house includes plumbing and electrical repairs, HVAC, lead-based paint removal - \$375,000; repair deteriorated roof - \$25,000; design of "whole house" project - \$45,000; grounds maintenance - \$1,000.

ARMY FAMILY HOUSING
 FY 1998 BUDGET ESTIMATE
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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VIRGINIA (cont'd)

Fort Monroe (cont'd)

(PN 47541/47537/47539)

53 Fenwick	3,470	yes	1910	\$471,000	-	-
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Maintenance and repairs include service calls - \$2,500; routine maintenance and preventative maintenance - \$2,500; exterior painting - \$20,000; major repair to whole house includes plumbing and electrical repairs, HVAC, lead-based paint removal - \$375,000; repair deteriorated roof - \$25,000; design of "whole house" project - \$45,000; grounds maintenance - \$1,000.

(PN 47922)

151 Bernard Rd	5,274	yes	1819	\$96,000	-	-
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Maintenance and repairs include service calls - \$3,000; routine maintenance and preventative maintenance - \$3,000; interior painting - \$9,000; repair by replacement of inefficient and failing HVAC system with a unit capable of heating and cooling the quarters efficiently and at less annual cost - \$80,000; grounds maintenance - \$1,000.

Fort Myer

(PN 47987)

2 Washington	3,618	yes	1899	\$113,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$13,000; interior painting - \$10,000; repair/replace of roof - \$83,000; grounds maintenance while vacant - \$1,000.

(PN 41280/47988)

5 Grant Ave	3,405	yes	1903	\$95,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine and preventative maintenance - \$15,000; interior painting (after kitchen & bath renovation) - \$6,000; major repairs include bathroom renovation- \$17,000; renovation of kitchen - \$50,000; grounds maintenance - \$1,000.

ARMY FAMILY HOUSING
 FY 1998 BUDGET ESTIMATE
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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VIRGINIA (cont'd)

Fort Myer (cont'd)

(PN 47989/47990)

6 Grant Ave	7,365	yes	1908	\$118,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$19,000; interior painting - \$30,000; major repairs include refinishing wood floors - \$12,000, replace fan coil units - \$12,000; replace storm windows - \$14,000; renovate bathroom - \$20,000; grounds maintenance while vacant - \$1,000; design of one bathroom - \$4,000.

8 Grant Ave	4,255	yes	1903	\$48,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$31,000; interior painting - \$10,000; grounds maintenance while vacant - \$1,000.

(PN 44636)

11A Jackson	2,742	yes	1892	\$191,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$13,000; major repairs include whole house preservation to repair/replace plumbing, repair electrical, foundation repairs, waterproofing, stripping, prepare and repainting of interior wall, ceilings, and trim, replace HVAC, window and wall repair/restoration (prototype for Fort Myer preservation program) - \$170,000; grounds while vacant - \$2,000.

12A Jackson	2,701	yes	1892	\$40,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine and preventative maintenance - \$12,000; design cost for whole house renovations (FY 99) - \$22,000.

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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VIRGINIA (cont'd)

Fort Myer (cont'd)

12B Jackson	2,774	yes	1892	\$40,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine and preventative maintenance - \$12,000; design cost for whole house renovations (FY 99) - \$22,000.

13A Jackson	1,980	yes	1903	\$43,500	-	-
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Maintenance and repairs include service calls - \$6,000; routine and preventative maintenance - \$12,500; major repairs include renovation of official guest bathroom - \$10,000; and guest bathroom - \$15,000.

14A Jackson	1,988	yes	1903	\$211,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$9,000; major repairs include interior and exterior whole house preservation; interior work includes repair/replace plumbing, repair electrical, foundation repairs, waterproofing, stripping, prepare and repainting of interior wall, ceilings, and trim, replace HVAC, window and wall repair/restoration. Exterior preservation includes masonry repointing, gutter and down spout repair, deteriorated wood replacement/repair and painting - \$194,000; grounds maintenance while vacant - \$2,000.

14B Jackson	1,927	yes	1903	\$211,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$9,000; major repairs include interior and exterior whole house preservation; interior work includes repair/replace plumbing, repair electrical, foundation repairs, waterproofing, stripping, prepare and repainting of interior wall, ceilings, and trim, replace HVAC, window and wall repair/restoration. Exterior preservation includes masonry repointing, gutter and down spout repair, deteriorated wood replacement/repair and painting - \$194,000; grounds maintenance while vacant - \$2,000.

ARMY FAMILY HOUSING
 FY 1998 BUDGET ESTIMATE
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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VIRGINIA (cont'd)

Fort Myer (cont'd)

15A Jackson	2,535	yes	1908	\$40,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$18,000; interior painting - \$15,000; grounds maintenance while vacant - \$1,000.

15B Jackson	2,124	yes	1908	\$40,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$18,000; interior painting - \$15,000; grounds maintenance while vacant - \$1,000.

16B Jackson	2,463	yes	1903	\$35,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$13,000; interior painting - \$15,000; grounds maintenance while vacant - \$1,000.

27A Lee Ave	3,715	yes	1903	\$50,300	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$12,000; interior painting - \$15,000; grounds maintenance while vacant - \$1,000; design cost for FY 00 whole house preservation - \$16,300.

27B Lee Ave	2,718	yes	1903	\$34,000	-	-
-------------	-------	-----	------	----------	---	---

Maintenance and repairs include service calls - \$6,000; routine and preventative maintenance - \$12,000; design cost for FY 00 whole house preservation - \$16,000.

ARMY FAMILY HOUSING
 FY 1998 BUDGET ESTIMATE
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION	NET SQUARE QTRS NO. FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
-----------------------	--------------------------------	---------------	---------------	--------------------	-------	-------------

BELGIUM (\$/BF 32.24)

Quarters 1	10,411	yes	1800	\$50,378	-	-
------------	--------	-----	------	----------	---	---

Maintenance and repairs include service calls - \$16,022; routine maintenance and change of occupancy maintenance - \$16,919; interior painting - \$13,879; renovate locker room - \$782; incidental improvements - \$2,776.

GERMANY (\$/DM 1.56)

Garmisch

(PN 47999)

Riessersee 20	7,000	no	1911	\$153,923	-	-
---------------	-------	----	------	-----------	---	---

Maintenance and repairs include service calls - \$2,138; routine maintenance and preventative maintenance - \$3,532; extensive exterior repairs include replacement of rotted windows, extensive painting, and repair of deteriorated doors - \$120,833; design costs for exterior repairs - \$23,237; grounds maintenance - \$4,183.

Stuttgart

83 Florida	2,873	no	1957	\$41,269	-	-
------------	-------	----	------	----------	---	---

Maintenance and repairs include service calls - \$6,506; routine and preventative maintenance - \$837; interior painting - \$4,183; exterior painting - \$8,830; sanding/sealing of floors - \$2,324; repair drive/walk way/hardstand - \$4,647; major repairs include complete renovation of one bathroom - \$13,849; self-help - \$93.

Schweinfurt

(PN 47899)

Niederwerenner	2,370	yes	1937	\$128,333	-	-
----------------	-------	-----	------	-----------	---	---

Maintenance and repairs include service calls - \$2,324; routine maintenance and change of occupancy maintenance - \$1,673; interior painting - \$2,440; major repair of the roof and exterior of building, to include replacement of roof tiles, repair of roof dormers, rain gutters, window shutters, balcony/terrace and exterior painting - \$108,999; maintenance and repair of exterior utilities - \$929; design costs for roof repair and exterior surfaces - \$10,900; grounds maintenance - \$929; self-help - \$139.

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ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
REIMBURSABLE PROGRAM

(\$ in Thousands)	
FY 1998 Program	17,000
FY 1997 Program	21,000

The reimbursable program provides for the collection and use of payments for utilities and services, routine maintenance and repair, rents associated with the use of government housing and trailer pads by authorized occupants, and damages caused by occupant negligence.

The following table shows the source of receipts for the family housing account.

	<u>FY 1997</u>	<u>FY 1998</u>
Non-Federal Sources	13,860	11,220
Federal Sources	7,140	5,780

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ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
LEASING ACCOUNT

(\$ in Thousands)

FY 1998 Program	234,053
FY 1997 Program	227,515

PURPOSE AND SCOPE

The purpose of the leasing program is to provide family housing at both domestic and foreign locations when additional housing is needed to satisfy a housing deficit and the local economy cannot provide adequate support. The leasing program, authorized by 10 U.S.C. 2828, provides for the payment of rent, operating, and maintenance costs of privately owned quarters assigned to military families as government quarters. The program also includes funds needed to pay for services such as utilities, refuse collection, and maintenance when these services are not part of the contract agreement.

The Army continues to rely on the private sector to meet the majority of housing needs. Where private sector rental markets cannot meet Army requirements, and cost effective alternatives do not exist, short and long-term leases are utilized. In high cost areas and overseas, the Army leases housing that the service members could not afford.

PROGRAM SUMMARY

Authorization is requested for the appropriation of \$234,053,000 to fund leases and related expenses in FY 1998. A summary of the leasing program follows:

<u>Lease Type</u>	<u>FY 96</u>		<u>FY 97</u>		<u>FY 98</u>	
	<u>Leases</u> <u>Supported</u>	<u>Cost</u> <u>\$000</u>	<u>Leases</u> <u>Supported</u>	<u>Cost</u> <u>\$000</u>	<u>Leases</u> <u>Supported</u>	<u>Cost</u> <u>\$000</u>
Domestic	112	1,360	120	1,564	71	1,176
Sec. 2835	4,080	56,751	4,080	54,115	4,080	55,147
Foreign - GRHP	8,368	131,034	8,613	143,583	9,033	144,856
GRHP	<u>2,092</u>	<u>31,718</u>	<u>2,180</u>	<u>35,520</u>	<u>2,135</u>	<u>32,874</u>
Total	14,652	220,863	14,993	234,782	15,319	234,053

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
LEASING ACCOUNT (continued)

JUSTIFICATION:

1. Domestic Leasing. The domestic leasing program provides temporary housing for Army families pending availability of permanent housing.

2. Section 2835. The Army leases family housing at seven installations under the provisions of 10 U.S.C. 2835, Long Term Leasing of Military Family Housing to be Constructed (formerly known as Section 801 housing). Under this program the Army leases family housing units from a private sector developer for up to 20 years. The units are assigned as military housing to soldiers and their families. This program helped reduce our CONUS family housing deficit at sites where Army families were the most seriously affected by housing shortages. Funds are requested to continue payment of lease costs and operation and maintenance expenses. The FY 1998 budget request includes 4,080 units.

3. Foreign Leasing. The FY 1998 foreign leasing program request consists of approximately 11,200 leased units. The majority of foreign leases are in Germany. Approximately 2,000 of these leases comprise the Governmental Rental Housing Program (GRHP). Under GRHP, the U.S. Government leases existing, individual housing units in Europe. The Army negotiates, executes and manages the lease contracts, and assumes responsibility for paying the costs. Soldier occupants forfeit their housing allowances and agree to occupy GRHP leased housing for their entire tour. GRHP leases are terminated when soldiers' tours end. This program allows soldiers to be housed quickly, without large out-of-pocket expenses. There are no early termination costs.

FEBRUARY 1997

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
LEASING ACCOUNT (continued)

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

\$ In Thousands

1. FY 1997 Presidents Budget Request	227,515
2. FY 1997 Appropriated Amount	227,515
3. Below Threshold Reprogramming	+7267
4. FY 1997 Current Estimate	234,782
5. Price Growth for Inflation & Foreign Currency	-6235
6. Program Increases: Increase in lease inventory; 326 units	5,506
7. FY 1998 Budget Request	234,053

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ARMY FAMILY HOUSING FY 1998 BUDGET ESTIMATE

	FY 96			FY 97			FY 98		
	Units	Months	Supported Purchased (\$000)	Units	Months	Supported Purchased (\$000)	Units	Months	Supported Purchased (\$000)
DOMESTIC LEASING									
Ft. Lewis, WA	11	132	161	11	132	151	0	0	0
Ft. Huachuca, AZ	100	1,200	1,191	100	1,200	1,237	0	0	0
Miami, FL				8	96	168	70	840	1,168
Newport Ammunition Plant	1	12	8	1	12	8	1	12	8
Subtotal Domestic Leasing	112	1,344	1,360	120	1,440	1,564	71	852	1,176
Section 2835(801)									
Ft. Bragg, NC	250	3,000	2,885	250	3,000	2,679	250	3,000	2,656
Ft. Drum, NY	2,000	24,000	27,179	2,000	24,000	26,422	2,000	24,000	27,269
Ft. Hood, TX	300	3,600	2,467	300	3,600	2,210	300	3,600	2,191
Ft. McCoy, WI	80	960	1,422	80	960	1,425	80	960	1,417
Ft. Polk, LA	600	7,200	5,510	600	7,200	4,957	600	7,200	4,881
Ft. Wainwright, AK	550	6,600	13,652	550	6,600	12,679	550	6,600	12,925
Ft. Bliss, TX	300	3,600	3,636	300	3,600	3,743	300	3,600	3,808
Subtotal Section 2835 (801)	4,080	48,960	56,751	4,080	48,960	54,115	4,080	48,960	55,147
Total Domestic Leasing	4,192	50,304	58,111	4,200	50,400	55,679	4,151	49,812	56,323
FOREIGN LEASING									
FORSCOM									
Saudi Arabia	1	12	70	1	12	71	1	12	74
Qatar	0	0	0	0	0	0	1	12	47
Total FORSCOM	1	12	70	1	12	71	2	24	121
EUSA									
Korea	1,182	14,184	21,100	1,254	15,048	23,177	1,254	15,048	22,364
USARSO									
Panama	18	216	274	18	216	182	18	216	186
USAREUR									
Belgium	178	2,136	3,590	200	2,400	3,994	200	2,400	3,767
Germany	6,131	73,572	92,952	6,264	75,168	102,061	6,684	80,208	104,132
Italy	545	6,540	8,147	560	6,720	8,488	560	6,720	8,924
Turkey	9	108	9	9	108	3	9	108	3
Netherlands	263	3,156	4,011	263	3,156	4,299	263	3,156	4,061
Subtotal USAREUR	7,126	85,512	108,709	7,296	87,552	118,845	7,716	92,592	120,887
Govt Rental Hsg Prgm, Eur	2,092	25,104	31,718	2,180	26,160	35,520	2,135	25,620	32,874
Total USAREUR	9,218	110,616	140,427	9,476	113,712	154,365	9,851	118,212	153,761

Note: Exhibit Continued Next Page

**ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE**

	FY 96		FY 97		FY 98	
	Units	Months	Units	Months	Units	Months
	Supported	Purchsd (\$000)	Supported	Purchsd (\$000)	Supported	Purchsd (\$000)
FOREIGN AREA OFFICERS						
Bangladesh	1	12	1	12	1	12
Botswana	1	12	1	12	1	12
Cameroon	1	12	1	12	1	12
China(Beijing)	3	36	2	24	2	24
Croatia	0	0	1	12	1	12
Egypt	2	24	2	24	2	24
Greece	1	12	1	12	1	12
Hungary(Budapest)	1	12	1	12	1	12
India	2	24	2	24	2	24
Indonesia	1	12	1	12	1	12
Israel	1	12	1	12	0	0
Ivory Coast	1	12	1	12	1	12
Jordan	4	48	4	48	4	48
Kazakhstan	0	0	1	12	1	12
Kenya (MEDCOM)	6	72	6	72	6	72
Kuwait	1	12	1	12	1	12
Malaysia	1	12	1	12	1	12
Morocco	2	24	1	12	1	12
Niger	1	12	1	12	1	12
Pakistan	2	24	1	12	1	12
Poland	1	12	1	12	1	12
Portugal	1	12	1	12	1	12
Romania	1	12	1	12	1	12
Russia	0	0	2	24	2	24
Senegal	0	0	1	12	1	12
Tunisia	1	12	1	12	1	12
Turkey	2	24	2	24	2	24
Ukraine	0	0	1	12	1	12
Zimbabwe	1	12	1	12	1	12
Turkey (TRADOC)	1	12	1	12	1	12
Israel (TRADOC)	1	12	1	12	1	12
Total Foreign Area Officer	41	492	44	528	43	516
		881		1,308		1,298
Total Foreign Leasing	10,460	125,520	10,793	129,516	11,168	134,016
		162,752		179,103		177,730
TOTAL LEASING PROGRAM	14,652	175,824	14,993	179,916	15,319	183,828
		220,863		234,782		234,053

ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
FY 1998 SUMMARY SHEET FOR HIGH COST LEASES

<u>COUNTRY</u>	<u>HIGH COST</u>		<u>FOREIGN CURRENCY</u>	<u>FY 88</u>	<u>FY 98</u>	<u>ADJUSTED**</u>
	<u>LEASES</u>	<u>LEASES</u>		<u>RATE</u>	<u>RATE</u>	
Belgium	200	13	Franc	42.77	32.24	\$29,648
Germany	6684	0	Deutsche Mark	2.06	1.56	\$29,512
Italy	560	3	Lira	1423.00	1534.20	\$20,729
Ivory Coast	1	1	CFAF	297.85	509.66	\$13,061
Netherlands	263	2	Guilder	2.33	1.75	\$29,756
Saudi Arabia	1	1	Riyal	3.75	3.75	\$22,349
Qatar	1	1	Riyal	3.64	3.64	\$22,349

** The adjusted high cost cap is determined by multiplying \$22,349 (FY 97 high cost lease limit adjusted for CPI) times the FY 88 exchange rate divided by the FY 98 exchange rate. Leases exceeding this cap are counted against the number of high cost leases allowed.

Note: Foreign Area Officer Leases participate in the Department of State Housing Pool and are not subject to the maximum lease amounts cited for foreign leases in Section 2828(e)(1) of title 10, United States Code. Clarification of Participation in Department of State Housing Pools is discussed in Section 2806 of title 10, United States

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ARMY FAMILY HOUSING
FY 1998 BUDGET ESTIMATE
DEBT PAYMENT ACCOUNT

(\$ in Thousands)

FY 1998 Program	3
FY 1997 Program	7

PURPOSE AND SCOPE

This program includes payments of Servicemen's Mortgage Insurance Premiums to the Federal Housing Administration for mortgages assumed by active military personnel for housing purchased by them. The Army has no outstanding debt for Capehart or Wherry mortgages.

PROGRAM SUMMARY

Authorization is required for the appropriation of \$3,000 in FY 1998.

JUSTIFICATION

This program provides for the payment of premiums due on mortgage insurance provided by the Federal Housing Administration for housing mortgages purchased by active duty military personnel. Also, it continues payments for cases where a service member dies while on active duty and leaves a surviving spouse as owner of the property. Payments extend for a period of two years after death, or until the spouse disposes of the property, whichever occurs first. The premium rate is 1/2 of 1 percent of the unpaid balance of the mortgage. This program was discontinued through Public Law 93-130 (Military Construction Appropriation Act, 1980) which allowed coverage only on existing mortgages obtained prior to FY 1980.

SERVICEMEN'S MORTGAGE INSURANCE PREMIUMS

FISCAL YEAR	ESTIMATED TERMINATIONS	NUMBER MORTGAGES WITH PAYMENTS	(\$) ESTIMATED AVERAGE PAYMENT	(\$000) ESTIMATED PAYMENT FOR YEAR
1997	4	11	630.00	7
1998	0	7	400.00	3
1999	0	7	400.00	3

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PART III HOMEOWNERS ASSISTANCE

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February 1997

HOMEOWNERS ASSISTANCE FUND, DEFENSE
FY 1998 BUDGET ESTIMATE
SUMMARY

(In Thousands)

FY 1998 Program	\$ -0-
FY 1997 Program	\$ 36,181

Program and Scope

This fund finances a program for providing assistance to homeowners by reducing their losses incident to the disposal of their homes when the military installations at or near where they are serving or employed are ordered to be closed or the scope of operations is reduced. It was established in recognition of the fact that base closure and reduction actions can have serious economic effects on local communities. Military, federal civilian personnel and Non-appropriated Fund employees, who are required to relocate as a result of or during such actions, frequently cannot dispose of their homes under reasonable terms and conditions, and suffer severe financial hardship.

In order to determine the effect of the closure or reduction action on local communities, a Market Impact Study (MIS) is performed. The MIS addresses market conditions and overall economic conditions relative to the closure or reduction action, and includes appraisals of area properties before and after the announcement. Factors in determining market impact include: a significant decline in real estate market value; significant increases in inventory of unsold houses, average number of days on the market; foreclosures; decrease in home sales; and inability of affected personnel to sell homes for the amount of the existing mortgage. If the MIS demonstrates sufficient impact on the market and establishes a causal relationship, a program is approved. Eligible applicants may be reimbursed for certain losses resulting from the sale of their home.

Benefits under the program include payment of partial compensation for losses sustained in the private sale of the dwelling; payment of the costs of a judicial foreclosure of a mortgage; or purchase

of a dwelling by liquidating or assuming the outstanding mortgage. Although the program provides for acquisition of dwellings, the Government does so only for the accommodation of the applicant. The homes are then resold by the Government. Every effort is made to insure that each applicant is treated equally and receives the maximum benefits under the law as rapidly as practicable, but with a minimum expenditure of time and money for administration.

Program Summary

The FY 1998 budget requests authorization of appropriation and appropriation in the amount of \$0.00 to fund Homeowners Assistance Fund program expenses. Total program requirements for the FY 1998 program are estimated at \$143,193,000 and will be funded with revenue from sales of acquired properties, and prior year unobligated balances. Program increases are primarily the result of bases and installations approved for closure and realignment. Future base closure actions will continue to have a significant impact on this account.

The Homeowners Assistance Fund, Defense (HOA) is a non-expiring revolving fund. As shown on the Program Financial Summary chart, the fund receives funding from several sources: appropriations, borrowing authority, reimbursable authority, prior fiscal year unobligated balances, revenue from sale of acquired properties, and recovery of prior year obligations. Program expenses include payments to homeowners for losses on private sales; cost of judicial foreclosure; property acquisition by liquidating and/or assuming outstanding mortgages; partial payment of homeowners' lost equity on government acquisitions; retirement of debt after sale of properties when the government assumed the mortgages; and administrative expenses.

The fund is not a profit-making endeavor. Although the proceeds from the sale of homes are returned to the fund, this revenue does not totally replenish it nor totally fund projected requirements. Since the Homeowners Assistance Fund is not self-sustaining, appropriated funds are required to maintain its solvency as a revolving fund. The FY 1998 budget request is \$0.00. The current fund balance is sufficient to maintain the fund's solvency and fund FY 1998 program requirements.

The chart below is a summary of the funding for the FY 1996, FY 1997, and FY 1998

	PROGRAM FINANCIAL SUMMARY		
	ACTUAL FY 1996	FY 1997	FY 1998
HOMEOWNERS ASSISTANCE FUND, DEFENSE			
I. PROGRAM RESOURCES			
New Appropriation Requested	75,586,000	36,181,000	0
Indefinite Borrowing Authority	582,000	0	0
Total Budget Authority Requested	76,168,000	36,181,000	0
II. REIMBURSABLE RESOURCES			
Reimbursable Authority	0	0	0
III. OTHER PROGRAM RESOURCES			
Prior FY Unobligated Balance Brought Forward	38,019,000	88,768,000	88,768,000
Anticipated Revenue from Sale of Real Property	85,631,000	127,219,000	78,069,000
Appropriation Transfers	0	0	0
Unobligated Balance Transferred to Others	0	0	0
Indefinite Borrowing Authority Withdraw	(311,000)		
P&FC rounding, Budget Plan	1,000		
Recovery of Prior Year Balances	7,126,000	0	0
IV. TOTAL PROGRAM RESOURCES	206,634,000	252,168,000	166,837,000
V. PLANNED PROGRAM EXECUTION			
Payments to Homeowners	20,563,000	21,278,000	15,621,000
Other Operating Cost	31,192,000	42,230,000	31,697,000
Acquisition of Real Property	66,111,000	99,892,000	95,875,000
Mortgages Assumed	0	0	0
Retirement of Debt - Authority Withdrawn	0	0	0
VI. TOTAL PLANNED PROGRAM EXPENSE	117,866,000	163,400,000	143,193,000
VII. ANTICIPATED EOY UNOBLIGATED			
Balance Carried Forward	88,768,000	88,768,000	23,644,000

Homeowners Asst Fund, Def.
Program and Financing (in Thousands of dollars)

Identification code	97-4090-0-3-051	1996 actual	1997 est.	1998 est.	1999 est.
Program by activities:					
Direct program:					
01.0101	Payment to homeowners (private sale and foreclosure assistance)	20,563	21,278	15,621	13,240
01.0201	Other operating costs	31,192	42,230	31,697	29,665
02.0101	Acquisition of real property	66,111	99,892	95,875	88,768
02.9101	Total program	117,866	163,400	143,193	131,673
10.0001	Total obligations	117,866	163,400	143,193	131,673
Financing:					
Offsetting collections from:					
14.0001	Non-Federal sources(-)	-85,631	-127,219	-78,069	-85,631
17.0001	Recovery of prior year obligations	-7,126			
21.9001	Unobligated balance available, start of year:				
	Unobligated balance, SOY: Fund balance	-38,019	-88,768	-88,768	-23,644
24.9001	Unobligated balance available, end of year:				
	Unobligated balance, EOY: Fund balance	88,768	88,768	23,644	17,831
32.4701	Balance of authority to borrow withdrawn	311			
39.0001	Budget authority	76,168	36,181		40,229
Budget authority:					
40.0001	Appropriation	75,586	36,181		40,229
67.1501	Authority to borrow (indefinite)	582			
Relation of obligations to outlays:					
71.0001	Obligations incurred	32,235	36,181	65,124	46,042
72.1001	Orders on hand, SOY	-2,810	-548	-50,000	-50,000
72.9001	Obligated balance, start of year: Obligated balance, start of year, fund	23,853	17,838	12,426	17,018
74.1001	Orders on hand, EOY	548	50,000	50,000	50,000
74.9001	Obligated balance, end of year: Obligated balance, end of year, fund ba	-17,838	-12,426	-17,018	-24,770
78.0001	Adjustments in unexpired accounts	-7,126			
90.0001	Outlays (net)	28,862	91,045	60,532	38,290

Homeowners Asst Fund, Def.
Object Classification (in Thousands of dollars)

Identification code	97-4090-0-3-051	1996 actual	1997 est.	1998 est.	1999 est.
Direct obligations:					
Personnel compensation:					
111.801	Special personal services payments	11,379	10,642		
121.001	Travel and transportation of persons	328	406		
125.101	Advisory and assistance services	1,617	5,901		
125.201	Other services with the private sector	17,868	25,281	143,193	131,673
132.001	Land and structures	73,236	99,892		
142.001	Insurance claims and indemnities	13,438	21,278		
199.001	Total Direct obligations	117,866	163,400	143,193	131,673
999.901	Total obligations	117,866	163,400	143,193	131,673

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PART III - HOMEOWNERS ASSISTANCE

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Alabama		Anniston Army Depot (AMC)				3
	44578	Ammunition Containerization Complex	3,900	3,900	C	5
		Subtotal Anniston Army Depot PART I	\$ 3,900	3,900		
		* TOTAL MCA FOR Alabama	\$ 3,900	3,900		
California		Fort Irwin (FORSCOM)				11
	25596	Heliport	27,000	7,000	C	13
	41780	Rotational Unit Facility Maintenance Area	11,000	11,000	C	16
		Subtotal Fort Irwin PART I	\$ 38,000	18,000		
		* TOTAL MCA FOR California	\$ 38,000	18,000		
Georgia		Fort Benning (TRADOC)				21
	35300	Whole Barracks Complex Renewal	30,000	30,000	C	23
		Subtotal Fort Benning PART I	\$ 30,000	30,000		
		* TOTAL MCA FOR Georgia	\$ 30,000	30,000		
Hawaii		Schofield Barracks (USARPAC)				29
	46901	Whole Barracks Complex Renewal	49,000	49,000	C	31
		Subtotal Schofield Barracks PART I	\$ 49,000	49,000		
		* TOTAL MCA FOR Hawaii	\$ 49,000	49,000		
Illinois		Rock Island Arsenal (AMC)				37
	882	Electrical Distribution System	5,300	5,300	C	39
		Subtotal Rock Island Arsenal PART I	\$ 5,300	5,300		
		* TOTAL MCA FOR Illinois	\$ 5,300	5,300		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Indiana		Crane Army Ammunition Activity (AMC)				45
	47132	Ammunition Containerization Complex Ph II	7,100	7,100	C	47
		Subtotal Crane Army Ammunition Activity PART I	\$ 7,100	7,100		
		* TOTAL MCA FOR Indiana	\$ 7,100	7,100		
Kentucky		Fort Campbell (FORSOOM)				53
	33901	Whole Barracks Complex Renewal	38,000	38,000	C	55
		Subtotal Fort Campbell PART I	\$ 38,000	38,000		
		Lexington-Blue Grass Dep Act (AMC)				59
	44533	Ammunition Containerization Complex	5,300	5,300	C	61
		Subtotal Lexington-Blue Grass Dep Act PART I	\$ 5,300	5,300		
		* TOTAL MCA FOR Kentucky	\$ 43,300	43,300		
Maryland		Fort Detrick (MEDCOM)				67
	46358	Physical Fitness Training Center	3,100	3,100	C	69
		Subtotal Fort Detrick PART I	\$ 3,100	3,100		
		* TOTAL MCA FOR Maryland	\$ 3,100	3,100		
Missouri		Fort Leonard Wood (TRADOC)				75
	38626	Engineer Qualification Range	4,700	4,700	C	77
		Subtotal Fort Leonard Wood PART I	\$ 4,700	4,700		
		* TOTAL MCA FOR Missouri	\$ 4,700	4,700		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
New York	47591	United States Military Academy (USMA) Cadet Physical Development Center	88,000	4,400	C	83 85
		Subtotal United States Military Academy PART I \$	88,000	4,400		
		* TOTAL MCA FOR New York	\$ 88,000	4,400		
North Carolina	40630	Fort Bragg (FORSCOM) Whole Barracks Complex Renewal	54,000	54,000	C	91 93
	43313	Deployment Staging Complex	31,000	31,000	C	96
		Subtotal Fort Bragg PART I	\$ 85,000	85,000		
		* TOTAL MCA FOR North Carolina	\$ 85,000	85,000		
Oklahoma	2906	McAlester Army Ammunition Plant (AMC) Ammunition Containerization Complex	10,400	10,400	C	103 105
		Subtotal McAlester Army Ammunition Plant PART I \$	10,400	10,400		
	3279	Fort Sill (TRADOC) Tactical Equipment Shop Ph I	14,200	14,200	C	109 111
	35244	Whole Barracks Complex Renewal	25,000	25,000	C	114
		Subtotal Fort Sill PART I	\$ 39,200	39,200		
		* TOTAL MCA FOR Oklahoma	\$ 49,600	49,600		
South Carolina	21356	Fort Jackson (TRADOC) Emergency Services Center	5,600	5,600	C	119 121
		Subtotal Fort Jackson PART I	\$ 5,600	5,600		
		* TOTAL MCA FOR South Carolina	\$ 5,600	5,600		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Texas		Fort Hood (FORSCOM)				127
	19528	Railhead Facility	33,000	33,000	C	129
		Subtotal Fort Hood PART I	\$ 33,000	33,000		
		Fort Sam Houston (FORSCOM)				133
	48133	Whole Barracks Complex Renewal	24,000	24,000	C	135
		Subtotal Fort Sam Houston PART I	\$ 24,000	24,000		
		* TOTAL MCA FOR Texas	\$ 57,000	57,000		
Utah		Tooele Army Depot (AMC)				141
	44914	Ammunition Containerization Complex	5,000	5,000	C	143
		Subtotal Tooele Army Depot PART I	\$ 5,000	5,000		
		* TOTAL MCA FOR Utah	\$ 5,000	5,000		
Virginia		Fort Eustis (TRADOC)				149
	38320	Whole Barracks Complex Renewal	29,000	29,000	C	151
		Subtotal Fort Eustis PART I	\$ 29,000	29,000		
		Charlottesville (TRADOC)				155
	48090	National Ground Intelligence Center Fac	46,200	46,200	C	157
		Subtotal Charlottesville PART I	\$ 46,200	46,200		
		* TOTAL MCA FOR Virginia	\$ 75,200	75,200		
Washington		Fort Lewis (FORSCOM)				163
	43089	Central Vehicle Wash Facility	4,650	4,650	C	165
	43091	Consolidated Fuel Facility	3,950	3,950	C	168
	43092	Ammunition Supply Point	5,500	5,500	C	171
	43855	Close Combat Tactical Trainer Building	7,300	7,300	N	174
	44799	Tank Trail Erosion Mitigation-Yakima	2,000	2,000	C	177

DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Washington		Fort Lewis (FORSCOM) (CONT.)				163
		Subtotal Fort Lewis PART I	\$ 23,400	23,400		
		* TOTAL MCA FOR Washington	\$ 23,400	23,400		
		** TOTAL INSIDE THE UNITED STATES FOR MCA	\$ 573,200	469,600		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
OUTSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Belgium		Belgium Various (USAREUR)				183
	47225	Belgium Various Child Development Center	7,000	7,000	C	185
		Subtotal Belgium Various PART I	\$ 7,000	7,000		
		* TOTAL MCA FOR Belgium	\$ 7,000	7,000		
Germany		Germany Various (USAREUR)				191
	46826	Wuerzburg Child Development Center	4,850	4,850	C	193
		Subtotal Germany Various PART I	\$ 4,850	4,850		
		* TOTAL MCA FOR Germany	\$ 4,850	4,850		
Korea		Korea Various (EUSA)				199
	48915	Eastern Corridor Camp Humphreys Whole Barracks Complex Renewal	11,800	11,800	C	201
	48914	Combined Field Army Whole Barracks Complex Renewal	8,100	8,100	C	204
	47352	Eastern Corridor Whole Barracks Complex Renewal	25,000	25,000	C	207
	47353	Whole Barracks Complex Renewal	18,600	18,600	C	210
		Subtotal Korea Various PART I	\$ 63,500	63,500		
		* TOTAL MCA FOR Korea	\$ 63,500	63,500		
Kwajalein		Kwajalein Atoll (USASDC)				215
	17575	Kwajalein Atoll Unaccompanied Personnel Housing Renovation	20,000	20,000		217
	20631	Unaccompanied Personnel Housing Renovation	8,500	8,500		221
	33149	Power Plant - Roi Namur Island	49,000	49,000		225
		Subtotal Kwajalein Atoll PART I	\$ 77,500	77,500		
		* TOTAL MCA FOR Kwajalein	\$ 77,500	77,500		

DEPARTMENT OF THE ARMY
 FISCAL YEAR 1999
 MILITARY CONSTRUCTION (PART I)
 (DOLLARS ARE IN THOUSANDS)
 WORLDWIDE

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
	NUMBER	PROJECT TITLE				
** TOTAL OUTSIDE THE UNITED STATES FOR MCA			\$ 152,850	152,850		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
WORLDWIDE

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
	NUMBER	PROJECT TITLE				
		Worldwide Various Minor Construction (MINEXG)				231
	39979	Unspecified Minor Construction	10,000	10,000	C	233
		Subtotal Minor Construction PART I	\$ 10,000	10,000		
		Planning and Design (PLANDES)				235
	39975	Planning and Design	44,519	44,519	C	237
	39977	Host Nation Support	20,000	20,000	C	239
		Subtotal Planning and Design PART I	\$ 64,519	64,519		
		* TOTAL MCA FOR Worldwide Various	\$ 74,519	74,519		
		** TOTAL WORLDWIDE FOR MCA	\$ 74,519	74,519		
		MILITARY CONSTRUCTION (PART I) TOTAL	\$ 800,569	696,969		

FY 99 MCA Construction Projects

State -----	Location -----	Project -----	Cost (\$000) -----	New/ Current -----
Inside The United States				
Alabama	Anniston Army Depot	Ammunition Containerization Complex	3,900	C
California	Fort Irwin	Heliport	7,000	C
California	Fort Irwin	Rotational Unit Facility Maintenance Area	11,000	C
Georgia	Fort Benning	Whole Barracks Complex Renewal	30,000	C
Hawaii	Schofield Barracks	Whole Barracks Complex Renewal	49,000	C
Illinois	Rock Island Arsenal	Electrical Distribution System	5,300	C
Indiana	Crane Army Ammunition Act	Ammunition Containerization Complex Ph II	7,100	C
Kentucky	Fort Campbell	Whole Barracks Complex Renewal	38,000	C
Kentucky	Lexington-Blue Grass Dep Act	Ammunition Containerization Complex	5,300	C
Maryland	Fort Detrick	Physical Fitness Training Center	3,100	C
Missouri	Fort Leonard Wood	Engineer Qualification Range	4,700	C
New York	U S Military Academy	Cadet Physical Development Center	4,400	C
North Carolina	Fort Bragg	Whole Barracks Complex Renewal	54,000	C
North Carolina	Fort Bragg	Deployment Staging Complex	31,000	C
Oklahoma	McAlester AAP	Ammunition Containerization Complex	10,400	C
Oklahoma	Fort Sill	Tactical Equipment Shop Ph I	14,200	C
Oklahoma	Fort Sill	Whole Barracks Complex Renewal	25,000	C
South Carolina	Fort Jackson	Emergency Services Center	5,600	C
Texas	Fort Hood	Railhead Facility	33,000	C
Texas	Fort Sam Houston	Whole Barracks Complex Renewal	24,000	C
Utah	Tooele Army Depot	Ammunition Containerization Complex	5,000	C
Virginia	Fort Eustis	Whole Barracks Complex Renewal	29,000	C
Virginia	Charlottesville	National Ground Intelligence Center Fac	46,200	C
Washington	Fort Lewis	Central Vehicle Wash Facility	4,650	C
Washington	Fort Lewis	Consolidated Fuel Facility	3,950	C
Washington	Fort Lewis	Ammunition Supply Point	5,500	C
Washington	Fort Lewis	Close Combat Tactical Trainer Building	7,300	N
Washington	Fort Lewis	Tank Trail Erosion Mitigation-Yakima	2,000	C

FY 99 MCA Construction Projects

State -----	Location -----	Project -----	Cost (\$000) -----	New/ Current -----	---
Outside The United States					
Belgium	Belgium Various	Child Development Center	7,000	C	
Germany	Wuerzburg	Child Development Center	4,850	C	
Korea	Camp Humphreys	Whole Barracks Complex Renewal	11,800	C	
Korea	Combined Field Army	Whole Barracks Complex Renewal	8,100	C	
Korea	Eastern Corridor	Whole Barracks Complex Renewal	25,000	C	
Korea	Eastern Corridor	Whole Barracks Complex Renewal	18,600	C	
Kwajalein	Kwajalein Atoll	Unaccompanied Personnel Housing Renovation	20,000	C	
Kwajalein	Kwajalein Atoll	Unaccompanied Personnel Housing Renovation	8,500	C	
Kwajalein	Kwajalein Atoll	Power Plant - Roi Namur Island	49,000	C	
Worldwide Various					
Worldwide Various	Minor Construction	Unspecified Minor Construction	10,000		
Worldwide Various	Planning and Design	Planning and Design	44,519		
Worldwide Various	Planning and Design	Host Nation Support	20,000		
Total Cost of New Mission projects		(1)	\$	7,300	
Total Cost of Current Mission projects		(36)	\$	615,150	
Total Cost of other line items		(3)	\$	74,519	
Total Cost of FY 99 MCA Projects		(40)	\$	696,969	

DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION (PART 1) FY 1999

INSTALLATION LIST

INSTALLATION	MACOM	1390 PAGE
A		
Anniston Army Depot	AMC	3
B		
Belgium Various	USAREUR	183
Fort Benning	TRADOC	21
Fort Bragg	FORSCOM	91
C		
Fort Campbell	FORSCOM	53
Crane Army Ammunition Activity	AMC	45
Charlottesville	TRADOC	155
D		
Fort Detrick	MEDCOM	67
E		
Fort Eustis	TRADOC	149
G		
Germany Various	USAREUR	191
H		
Fort Hood	FORSCOM	127
Fort Sam Houston	FORSCOM	133
I		
Fort Irwin	FORSCOM	11

DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION (PART I) FY 1999

INSTALLATION LIST

INSTALLATION	MACOM	1390 PAGE
J		
Fort Jackson	TRADOC	119
K		
Korea Various	EUSA	199
Kwajalein Atoll	USASDC	215
L		
Fort Lewis	FORSCOM	163
Lexington-Blue Grass Dep Act	AMC	59
M		
McAlester Army Ammunition Plant	AMC	103
Minor Construction	MINEXG	231
P		
Planning and Design	PLANDES	235
R		
Rock Island Arsenal	AMC	37
S		
Schofield Barracks	USARPAC	29
Fort Sill	TRADOC	109

DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION (PART I) FY 1999

INSTALLATION LIST

<u>INSTALLATION</u>		<u>MACOM</u>	<u>1390</u> <u>PAGE</u>
	<u>T</u>		
Tooele Army Depot		AMC	141
	<u>U</u>		
United States Military Academy		USMA	83
	<u>W</u>		
Fort Leonard Wood		TRADOC	75

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DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION (PART I) FY 1999

COMMAND SUMMARY

MAJOR ARMY COMMAND NAME	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
INSIDE THE UNITED STATES		
US Army Materiel Command	37,000	37,000
US Army Forces Command	184,400	164,400
US Army Health Services Command	24,000	24,000
US Army Forces Command	33,000	33,000
US Army Health Services Command	3,100	3,100
US Army Training and Doctrine Command	59,000	59,000
Naval Medical Command	46,200	46,200
US Army Training and Doctrine Command	49,500	49,500
US Army Pacific	49,000	49,000
United States Military Academy	88,000	4,400
OUTSIDE THE UNITED STATES		
Eighth United States Army	63,500	63,500
US Army Europe and Seventh Army	11,850	11,850
US Army Strategic Defense Command	77,500	77,500
WORLDWIDE		
Military Construction, Army-Minor	10,000	10,000
Planning and Design	64,519	64,519
TOTAL	800,569	696,969

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
	NUMBER	PROJECT TITLE				
Alabama		Anniston Army Depot (AMC)				3
	44578	Ammunition Containerization Complex	3,900	3,900	C	5
		Subtotal Anniston Army Depot PART I	\$ 3,900	3,900		
		* TOTAL MCA FOR Alabama	\$ 3,900	3,900		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Anniston Army Depot Alabama	4. COMMAND US Army Materiel Command		5. AREA CONSTRUCTION COST INDEX 0.88

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	7	1	3345	0	0	0	0	0	630	3,983
B. END FY 2003	6	17	2979	0	0	0	0	0	808	3,810

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	6,183 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	156,050
C. AUTHORIZATION NOT YET IN INVENTORY.....	384,900
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	0
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	13,800
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	71,479
H. GRAND TOTAL.....	626,229

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM: NONE

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
149	Ammunition Containerization Complex	3,900
216	Ammunition Demilitarization Fac Ph VI	9,900
TOTAL		13,800
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

To operate a supply depot for the receipt, storage, and issue of assigned commodities, i.e., general supply and ammunition, strategic and critical materials, shelter supplies, war reserve stock, etc. To operate a depot maintenance facility for the repair, overhaul, modification, and conversion of assigned commodities, i.e., combat and tactical vehicles, artillery, small arms, ammunition, missiles, etc. To provide installation support to attached organizations, and to operate assigned facilities.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
<p>INSTALLATION AND LOCATION: Anniston Army Depot Alabama</p>		
<p> </p>		
<p>REMARKS :</p> <p>The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$83,819 K, based on the Installation Status Report information on conditions as of October 1996.</p>		
<p> </p>		

1.COMPONENT		FY 1999		MILITARY CONSTRUCTION PROJECT DATA		2.DATE	
ARMY						31 JAN 1997	
3.INSTALLATION AND LOCATION				4.PROJECT TITLE			
Anniston Army Depot Alabama				Ammunition Containerization Complex			
5.PROGRAM ELEMENT		6.CATEGORY CODE		7.PROJECT NUMBER		8.PROJECT COST (\$000)	
72896A		149		44578		Auth 3,900 Approp 3,900	
9.COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							2,661
Transfer Yard				m2	4,314	54.47	(235)
Retaining Wall				m3	160.56	369.70	(59)
Repl Igloo Doors				LS	--	--	(1,543)
Igloo Aprons				LS	--	--	(505)
Storage Pads				m2	14,716	5.63	(83)
Railroad Track&Switches				m	310.90	759.18	(236)
<u>SUPPORTING FACILITIES</u>							823
Electric Service				LS	--	--	(180)
Water, Sewer, Gas				LS	--	--	(48)
Paving, Walks, Curbs And Gutters				LS	--	--	(205)
Storm Drainage				LS	--	--	(13)
Site Imp(349) Demo(17)				LS	--	--	(366)
Information Systems				LS	--	--	(11)
<u>ESTIMATED CONTRACT COST</u>							3,484
<u>CONTINGENCY PERCENT (5.00%)</u>							174
<u>SUBTOTAL</u>							3,658
<u>SUPERVISION, INSPECTION & OVERHEAD (6.00%)</u>							219
<u>TOTAL REQUEST</u>							3,877
<u>TOTAL REQUEST (ROUNDED)</u>							3,900
<u>INSTALLED EQT-OTHER APPROPRIATIONS</u>							()
10.Description of Proposed Construction							
Modify and expand ammunition shipping and storage facilities. Work includes modification to doors and aprons of 100 ammunition storage igloos, modification and expansion of two existing container stuffing/transfer facilities, and construct a new container stuffing/transfer pad. Special features include upgrading and expanding existing operating hardstands, providing new storage areas for empty containers, and modify existing road/rail track layout. Supporting facilities include utilities; electric service; exterior lighting to support for 24-hour operations; lightning protection; paving, walks, curbs and gutters; security fencing and gates; storm drainage; information systems; and site improvements. Demolish portions of igloo retaining walls for larger doors and remove dock and dockhouse in footprint of new container pad.							
11. REQ:		13 EA ADQT:		10 EA SUBSTD:		3 EA	
PROJECT: Expand ammunition containerization facilities. (Current Mission)							
REQUIREMENT: This project provides an ammunition containerization complex with container transfer, staging and storage areas, all with rail and road access. Construction of this project will raise the total capability at this installation to ship loaded ammunition containers to 120 containers/day. The							

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Anniston Army Depot, Alabama		
4. PROJECT TITLE	5. PROJECT NUMBER	
Ammunition Containerization Complex	44578	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>ability to quickly respond to a Major Regional Conflict requires early availability of empty shipping containers and the ability to handle, stuff, and ship ammunition in containers from this installation to Atlantic or Pacific outports for surface transportation in support of Rapid Deployment Forces.</p> <p><u>CURRENT SITUATION:</u> Under ASMP, this installation is assigned a shipping requirement of 120 containers (standard 8'x8'x20' commercial or military-owned demounted (MILVAN) weather tight steel containers) per day. Historically, outgoing shipments have generally been bulk shipments, with palletized munitions loaded, blocked and braced into trucks or railcars for subsequent unloading and reloading into other transportation modes (aircraft or ships) for further overseas shipment. Existing facilities at Anniston were designed and configured for such break-bulk operations. Consistent with the Force 21 Doctrine, the Army has decided to convert from the labor-intensive and time consuming multiple handling of bulk shipments, to the expedited through-put of depot-packed shipping containers which receive only minimal handling before issue to the user. Containers can be transported to individual ammunition storage igloos or magazines on container chassis or rail flatcars for loading, or munitions can be transported by railcar to existing facilities for stuffing into containers. Existing facilities for empty containers are inadequate to meet the daily handling requirements (120 containers incoming to unload, 120 to dispatch for packing) and storage requirements (360-600 containers). Existing facilities for transferring loaded containers from depot transporters to commercial transport for off-post movement limit access to only a few vehicles at a time, and must frequently stand idle while carriers move out loaded cars and provide more empty cars. The project also enlarges the doors and aprons of selected storage igloos to expedite the handling of missiles packed in large shipping/launch containers (e.g., multiple launch rocket systems (MLRS) missiles), which are too long to go sideways on a single forklift through existing single doors.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, this installation will not be able to increase and sustain ammunition shipping operations consistent with ASMP requirements for a Tier 2 facility (Tier 1 for the MLRS stocks). Delays in delivery of ammunition could delay departure of elements of the Rapid Deployment Force, or leave deployed elements critically short of ammunition if sustainment stocks do not arrive in the theatre as planned.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet this requirement.</p>		

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
California		Fort Irwin (FORSCOM)				11
	25596	Heliport	27,000	7,000	N	13
	41780	Rotational Unit Facility Maintenance Area	11,000	11,000	C	16
		Subtotal Fort Irwin PART I	\$ 38,000	18,000		
		* TOTAL MCA FOR California	\$ 38,000	18,000		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Irwin California	4. COMMAND US Army Forces Command		5. AREA CONSTRUCTION COST INDEX 1.30

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED		
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST CIVIL TOTAL
A. AS OF 30 SEP 1996	660	3694	631	0 0 0	487 3871 2340 11,683
B. END FY 2003	681	4088	611	0 0 0	487 3871 2340 12,078

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	104,196 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	290,998
C. AUTHORIZATION NOT YET IN INVENTORY.....	56,924
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	0
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	18,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	106,932
H. GRAND TOTAL.....	472,854

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM: NONE

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
852	Rotational Unit Facility Maintenance Area	11,000
111	Helipoint	7,000
TOTAL		18,000
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

The National Training Center (NTC) is an advanced collective training facility located at Fort Irwin, CA. Its mission is to provide advanced collective training opportunities to the task-organized elements of FORSCOM close-combat heavy brigades within the context of the overall FORSCOM training strategy and in accordance with Airland Battle doctrine.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY .	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
INSTALLATION AND LOCATION: Fort Irwin California		
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$217,911 K, based on the Installation Status Report information on conditions as of October 1996.		

1. COMPONENT		FY 1999		MILITARY CONSTRUCTION PROJECT DATA		DATE	
ARMY						31 JAN 1997	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
Fort Irwin California				Heliport			
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
22696A		111		25596		Auto 27,000 Approp 7,000	
9. COST ESTIMATES							
ITEM		UNIT		QUANTITY		COST (\$000)	
<u>PRIMARY FACILITY</u>						14,405	
AVIM/AVUM Hangar		m2		5,087		1,943 (9,882)	
Ops/Fire/Crash Rescue Bldg		m2		557.42		2,011 (1,121)	
Remote Switch Facility		m2		139.35		3,079 (429)	
Copter Wash Platform (2)		m2		1,171		33.60 (39)	
Helicopter Landing		m2		2,090		67.56 (141)	
Total from Continuation page						(2,793)	
<u>SUPPORTING FACILITIES</u>						9,865	
Electric Service		LS		--		-- (2,637)	
Water, Sewer, & Gas		LS		--		-- (4,742)	
Steam And/Or Chilled Water Distr		LS		--		-- (55)	
Paving, Walks, Curbs And Gutters		LS		--		-- (780)	
Storm Drainage		LS		--		-- (289)	
Site Imp(643) Demo()		LS		--		-- (643)	
Information Systems		LS		--		-- (719)	
<u>ESTIMATED CONTRACT COST</u>						24,270	
<u>CONTINGENCY PERCENT (5.00%)</u>						1,214	
<u>SUBTOTAL</u>						25,484	
<u>SUPERVISION, INSPECTION & OVERHEAD (6.00%)</u>						1,529	
<u>TOTAL REQUEST</u>						27,013	
<u>TOTAL REQUEST (ROUNDED)</u>						27,000	
<u>INSTALLED EQT-OTHER APPROPRIATIONS</u>						()	
10. Description of Proposed Construction Construct a heliport at Barstow-Daggett with helipads; maintenance hangar; security lighting and fencing; two wash platforms; and a combined operations, fire, and crash rescue building. Supporting facilities include utilities, electric service, chilled water distribution lines, storm drainage, parking, information systems, and site improvements. Heating and air conditioning (10 tons) will be provided using a ground source heat pump system. A complete infrastructure will be constructed with an industrial waste treatment system with a separate industrial sewer coming from the maintenance area. Storm runoff will run through a containment area to ensure that pollutants do not migrate off site. Ground water monitoring wells will be installed to check for contamination. All fuel storage systems will be aboveground. Access for the handicapped will be provided.							
11. REQ:		75,251 m2		ADOT:		NONE	
						SUBSTD: 53,529 m2	
PROJECT: Construct a heliport. (Current Mission)							
REQUIREMENT: This project will provide adequate permanent facilities to operate, maintain, and repair 43 aircraft assigned to the National Training Center (NTC) and Fort Irwin. The project will provide an Aviation Intermediate							

COMPONENT	FY 1999	MILITARY CONSTRUCTION PROJECT DATA		DATE
ARMY				31 JAN 1997
INSTALLATION AND LOCATION				
Fort Irwin, California				
PROJECT TITLE		PROJECT NUMBER		
Heliport		25596		
<u>9. COST ESTIMATES (CONTINUED)</u>				
<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>				
Helicopter Parking	m2	20,903	67.56	(1,412)
Helicopter Hover Lane	m2	10,034	67.56	(678)
Security Fencing	m	3,048	102.40	(312)
Security Lighting	m	3,048	112.63	(343)
Building Information Systems	LS	--	--	(48)
			Total	2,793
<u>REQUIREMENT: (CONTINUED)</u>				
<p>Maintenance (AVIM) hangar for the 247th Medical Flight Detachment with six Blackhawk Helicopters, the NTC Aviation Company with 26 UH-1 Helicopters, and the Training and Doctrine Command (TRADOC) Operations Group with ten OH-58 Helicopters. The project will also allow for Aviation Unit Maintenance (AVUM) to be performed. There are no adequate permanent helicopter facilities on-post at Fort Irwin. Training land at the NTC is at a premium and construction of a heliport on the post would impact the use of existing flatlands that are used for training. Approximately 20,000 acres of training lands have been lost to the Endangered Desert Tortoise and the diversion of lands left to a heliport is not an option.</p>				
<p><u>CURRENT SITUATION:</u> The helicopter repair function is being performed by Lockheed, a contract maintenance service provided to the Army at leased facilities at Barstow-Daggett Airport, located 28 air miles from Fort Irwin. Flight time between the post and the heliport is 40 minutes. Current facilities continue to be leased until this project is completed. The existing on-post Bicycle Lake Army Airfield does not meet Federal Aviation Administration (FAA) and current Army Airfield Standards. The buildings at this site are temporary and in need of major repair with the existing site subject to flooding for extended periods under heavy rains.</p>				
<p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the aviation elements assigned to the NTC and Fort Irwin, will not be able to efficiently perform their assigned missions of providing the NTC with required aviation support. Maintenance and operations will continue to be performed in unsafe leased facilities. The facilities were exposed to a 7.3 earthquake in 1992 and are unsafe. Million dollar aircraft are housed and repaired in facilities that do not have fire protection systems. Industrial waste treatment facilities are non-existent which impacts the washing of aircraft and cleaning of engines which are exposed to large quantities of sand and dirt.</p>				
<p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January</p>				

1. COMPONENT		FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE	
ARMY					31 JAN 1997	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Fort Irwin California			Rotational Unit Facility Maintenance Area			
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
22696A		852	41780	Auth 11,000 Approp 11,000		
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						8,722
Pave Maint Pads			m2	185,620	46.95	(8,714)
Building Information Systems			LS	--	--	(8)
<u>SUPPORTING FACILITIES</u>						1,196
Electric Service			LS	--	--	(587)
Water, Sewer, Gas			LS	--	--	(563)
Information Systems			LS	--	--	(46)
<u>ESTIMATED CONTRACT COST</u>						9,918
CONTINGENCY PERCENT (5.00%)						496
SUBTOTAL						10,414
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						625
TOTAL REQUEST						11,039
TOTAL REQUEST (ROUNDED)						11,000
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10. Description of Proposed Construction Construct maintenance areas for use by rotational troops. Project includes contamination prevention pad, maintenance areas and task lighting. Supporting facilities include a utility system, electric service, fire protection and alarm systems, and information systems.						
11. REQ: 185,620 m2 ADQT: NONE SUBSTD: 185,620 m2 PROJECT: Construct maintenance areas for use by rotational troops. (Current Mission) REQUIREMENT: This project is required to bring the installation contamination recovery process into compliance with Federal and State environmental requirements. This will reduce generation of hazardous waste and spill containment in accordance with and as required by San Bernardino County Business Plan Requirements. This project is also a health and safety project. Maintenance is being performed in a high dust area and on unstable soil. Jack stands are unstable and the shifting of one could result in death. The airborne dust is suspended over the entire post to include housing and respiratory problems are beginning to be reported to the hospital. Until such time the dust levels are reduced by paving this area this problem will continue to increase as the National Training Center (NTC) mission now						

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Fort Irwin, California		
4. PROJECT TITLE	5. PROJECT NUMBER	
Rotational Unit Facility Maintenance Area	41780	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>requires a Prepositioned Fleet to be stationed here resulting in twice the amount of vehicles being stationed here when compared to five years ago. This would increase the vehicle fleet four times since the NTC opened in 1981. A complete utility system is required for the area. This area is used solely by rotational troops conducting training at the NTC. Over a 1,000 pieces of equipment are worked on at this location during a rotational turn-in. Twelve rotations a year are held at the NTC. Over 5,000 troops are deployed in each rotation.</p> <p><u>CURRENT SITUATION:</u> The present method of removal costs \$1 million dollars per year to remove and remediate spills in the project areas. Spills currently soak directly into the soil, greatly increasing the volume and cost of contaminated materials to be disposed of. A health hazard exists due to the soil being removed and replaced without proper compaction. Dust clouds form over the area and migrate into the post and housing area. Visibility on occasion has been reduced to a few feet during periods where the wind blows with velocities as low as 20 MPH. Jack stands used to hold up vehicles are on unstable ground and can result in injury. In addition portable light stands and generators are rented for each rotation. Personnel are required to work with substandard lights that have a recurring rental cost. Fire protection is limited to trucked in water. Phones do not exist so runners have to be sent a half mile to a phone. A water truck sprays water on some of the roads to reduce dust but cannot get into the maintenance areas without wetting the troops and equipment. Currently the troops perform maintenance on unstable soil which requires \$550K tank engines to be laid in the dirt when removed. This project will greatly reduce the number of light carts and portable generators by installing task lighting and GFI protected 110v/20 amp outlets at each maintenance stand.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the NTC will continue to discharge contaminants into the soil. Further, the constant dust being discharged into the air is a violation of the clean air act. It is a health hazard, a safety hazard as maintenance stands are on uneven and loose soil.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 3 July 1994. The project complies with the Installation Design Guides. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.</p>		

1. COMPONENT		2. DATE
ARMY FY 1999 MILITARY CONSTRUCTION PROJECT DATA		31 JAN 1997
3. INSTALLATION AND LOCATION		
Fort Irwin, California		
4. PROJECT TITLE		5. PROJECT NUMBER
Rotational Unit Facility Maintenance Area		41780
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		<u>JUN 1996</u>
(b) Parametric Cost Estimating Used to Develop Costs		<u>NO</u>
(c) Percent Complete As Of January 1998.....		<u>40</u>
(d) Date 35% Designed.....		<u>DEC 1997</u>
(e) Date Design Complete.....		<u>JUN 1998</u>
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO)		N
(b) Where Design Was Most Recently Used		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....		<u>660</u>
(b) All Other Design Costs.....		<u>540</u>
(c) Total Design Cost.....		<u>1,200</u>
(d) Contract.....		
(e) In-house.....		<u>1,200</u>
(4) Construction Start..... <u>DEC 1998</u>		
month & year		
Installation Engineer: LTC Benjamin H. Butler		
Phone Number: 619 380-3433		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
	NUMBER	PROJECT TITLE				
Georgia		Fort Benning (TRADOC)				21
	35300	Whole Barracks Complex Renewal	30,000	30,000	C	23
		Subtotal Fort Benning PART I	\$ 30,000	30,000		
		* TOTAL MCA FOR Georgia	\$ 30,000	30,000		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Benning Georgia	4. COMMAND US Army Training and Doctrine Command		5. AREA CONSTRUCTION COST INDEX 0.84

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED								
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	
A. AS OF 30 SEP 1996	1182	9287	3375	1146	6506	22	55	105	3093	24,771	
B. END FY 2003	1186	9331	3403	1066	6675	2	54	105	2931	24,753	

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	30,131 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	542,615
C. AUTHORIZATION NOT YET IN INVENTORY.....	172,142
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	0
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	30,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	75,380
H. GRAND TOTAL.....	820,137

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM: NONE

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
721	Whole Barracks Complex Renewal	30,000
TOTAL		30,000
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
 Provides support and facilities for the U.S. Army Infantry Center and School, major combat and combat support forces, Martin U.S. Army Hospital, other tenant and satellited activities and units, and Reserve Components Training.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
INSTALLATION AND LOCATION: Fort Benning Georgia		
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$530,344 K, based on the Installation Status Report information on conditions as of October 1996.		

1. COMPONENT		FY 1999		MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY						31 JAN 1997	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
Fort Benning Georgia				Whole Barracks Complex Renewal			
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
85796A		721		35300		Auth 30,000 Approp 30,000	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							22,729
Barracks				m2	6,609	1,098	(7,256)
Soldier Community Bldg				m2	1,358	1,098	(1,491)
Company Operations Facilities				m2	9,295	999.00	(9,286)
Bldg Conv to Co Ops Facs				m2	1,534	780.99	(1,198)
Battalion Headquarters Building				m2	1,400	1,055	(1,477)
Total from Continuation page							(2,021)
<u>SUPPORTING FACILITIES</u>							4,311
Electric Service				LS	--	--	(335)
Water, Sewer, Gas				LS	--	--	(187)
Steam And/Or Chilled Water Distr				LS	--	--	(209)
Paving, Walks, Curbs And Gutters				LS	--	--	(565)
Storm Drainage				LS	--	--	(317)
Site Imp(685) Demo(1,682)				LS	--	--	(2,367)
Information Systems				LS	--	--	(331)
ESTIMATED CONTRACT COST							27,040
CONTINGENCY PERCENT (5.00%)							1,352
SUBTOTAL							28,392
SUPERVISION, INSPECTION & OVERHEAD (6.00%)							1,704
TOTAL REQUEST							30,096
TOTAL REQUEST (ROUNDED)							30,000
INSTALLED EQT-OTHER APPROPRIATIONS							()
10. Description of Proposed Construction Construct standard-designed barracks with soldier community building, battalion headquarters with classroom building, and 13 company operations buildings. Barracks include living/sleeping rooms, semi-private baths, walk-in closets, storage, and service areas. Work includes converting a general administration building expansion to a company operations building; a battalion classroom building to a company operations building; a confinement facility to a company operations building; and pre-wired workstations. Connect to existing energy monitoring and control system (EMCS). Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; lawn sprinkler system; paving, walks, curbs and gutters; parking and access drives; outdoor recreation areas; signage; dumpster and/or trash compactor enclosures; upgrade of sanitary sewer collection system and storm drainage system; information systems; borrow pit development; and site improvements. Access for the handicapped will be provided. Heating and air conditioning (1,500 tons) will be provided by self-contained systems. Demolish nine buildings (27,170 SM); asbestos abatement for 14 buildings. Comprehensive building and furnishings related interior design services and protection of historic landscape features are required. Supporting cost are high due to							

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE																																								
ARMY		31 JAN 1997																																								
3. INSTALLATION AND LOCATION																																										
Fort Benning, Georgia																																										
4. PROJECT TITLE	5. PROJECT NUMBER																																									
Whole Barracks Complex Renewal	35300																																									
<p><u>9. COST ESTIMATES (CONTINUED)</u></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 45%;"><u>Item</u></th> <th style="text-align: center; width: 10%;"><u>U/M</u></th> <th style="text-align: center; width: 10%;"><u>QTY</u></th> <th style="text-align: center; width: 15%;"><u>Unit COST</u></th> <th style="text-align: right; width: 20%;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="5"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td>IDS Installation</td> <td style="text-align: center;">LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(17)</td> </tr> <tr> <td>Asbestos Removal</td> <td style="text-align: center;">LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(1,367)</td> </tr> <tr> <td>EMCS Connection</td> <td style="text-align: center;">LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(320)</td> </tr> <tr> <td>Pre-Wired Workstations</td> <td style="text-align: center;">EA</td> <td style="text-align: center;">20</td> <td style="text-align: center;">3,250</td> <td style="text-align: right;">(65)</td> </tr> <tr> <td>Building Information Systems</td> <td style="text-align: center;">LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(252)</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: right;">Total</td> <td style="text-align: right;">2,021</td> </tr> </tbody> </table> <p><u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u></p> <p>building demolition, and upgrading sanitary sewer and storm water sewer lines within the Historic District.</p>			<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>	<u>PRIMARY FACILITY (CONTINUED)</u>					IDS Installation	LS	--	--	(17)	Asbestos Removal	LS	--	--	(1,367)	EMCS Connection	LS	--	--	(320)	Pre-Wired Workstations	EA	20	3,250	(65)	Building Information Systems	LS	--	--	(252)				Total	2,021
<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>																																						
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IDS Installation	LS	--	--	(17)																																						
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Building Information Systems	LS	--	--	(252)																																						
			Total	2,021																																						
<p><u>11. REQ:</u> 3,656 PN <u>ADQT:</u> 2,688 PN <u>SUBSTD:</u> 970 PN</p> <p><u>PROJECT:</u> Construct standard-design barracks, battalion headquarters with classroom building, company operations buildings and convert three existing buildings to company operations buildings. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required as the sixth in a series of Whole Barracks Complex Renewal or Barracks Replacement projects required to complete Fort Benning's long range plan for barracks renewal and modernization. This project is required to provide adequate housing for unaccompanied permanent party enlisted personnel that complies with current Army standard for space, privacy, storage and security. Intended utilization of the barracks will be 203 personnel. Maximum utilization is 238 personnel.</p> <p><u>CURRENT SITUATION:</u> Seven existing barracks buildings, built in 1954, are three-story masonry structures with central latrines and showers. Each building includes one company operations function split between the basement and first floor while four buildings contain dining facilities. Living conditions and supporting areas are inadequate to accommodate the 13 companies now housed in the buildings.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, permanent party enlisted personnel will continue to be housed in sub-standard facilities, resulting in lower morale and retention rates.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been prepared and utilized in this project. Parametric estimates have been used to develop project cost. During the past two years, \$15.5 million has been spent on RPM for unaccompanied enlisted personnel housing at Fort Benning. Upon</p>																																										

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Hawaii	46901	Schofield Barracks (USARPAC) Whole Barracks Complex Renewal	49,000	49,000	C	29 31
		Subtotal Schofield Barracks PART I	\$ 49,000	49,000		
		* TOTAL MCA FOR Hawaii	\$ 49,000	49,000		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Schofield Barracks Hawaii	4. COMMAND US Army Pacific	5. AREA CONSTRUCTION COST INDEX 1.73

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED	
	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	1287	11190	1564	17,323
B. END FY 2003	1350	11643	1576	17,849

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	5,517 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	359,600
C. AUTHORIZATION NOT YET IN INVENTORY.....	122,792
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	44,000
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	49,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	149,266
H. GRAND TOTAL.....	724,658

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:			
CATEGORY	PROJECT	COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	START COMPLETE
721	44839	Whole Barracks Complex Renewal	03/1996 06/1997
		TOTAL	44,000

9. FUTURE PROJECTS:		
CATEGORY	PROJECT	COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
721	Whole Barracks Complex Renewal	49,000
		TOTAL
		49,000
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

Schofield Barracks houses peacetime garrison troops and their supporting organizations. It is the headquarters for the 25th Infantry Division. Parts of the U.S. Army Support Command Hawaii (USASCH), U.S. Army Information Systems Command and the 45th Support Group are also housed there. In addition, members of the other services occupy housing at Schofield.

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997								
INSTALLATION AND LOCATION: Schofield Barracks Hawaii										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <table data-bbox="196 457 1040 590"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$1,150,630 K, based on the Installation Status Report information on conditions as of October 1996.										
Empty section for additional remarks										

1. COMPONENT		FY 1999		MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY						31 JAN 1997	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
Schofield Barracks Hawaii				Whole Barracks Complex Renewal			
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
22696A		721		46901		Auth 49,000 Approp 49,000	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							32,190
Barracks				m2	5,388	1,787	(9,628)
Multipurpose Court				LS	--	--	(120)
Soldiers Community Bldg				m2	1,025	1,658	(1,700)
Company Operations Facility				m2	7,268	1,636	(11,891)
Soldiers Gear Wash Area				m2	609.44	1,507	(918)
Total from Continuation page							(7,933)
<u>SUPPORTING FACILITIES</u>							11,870
Electric Service				LS	--	--	(2,123)
Water, Sewer, Gas				LS	--	--	(1,890)
Paving, Walks, Curbs And Gutters				LS	--	--	(1,593)
Storm Drainage				LS	--	--	(1,994)
Site Imp(2,809) Demo(327)				LS	--	--	(3,136)
Information Systems				LS	--	--	(1,134)
ESTIMATED CONTRACT COST							44,060
CONTINGENCY PERCENT (5.00%)							2,203
SUBTOTAL							46,263
SUPERVISION, INSPECTION & OVERHEAD (6.50%)							3,007
TOTAL REQUEST							49,270
TOTAL REQUEST (ROUNDED)							49,000
INSTALLED EQT-OTHER APPROPRIATIONS							(0)
10. Description of Proposed Construction Construct a standard-design whole barracks renewal complex. Barracks includes living/sleeping rooms, semi-private baths, walk-in closets, service area, elevators, janitor's closets, and mechanical/electrical equipment rooms. The barracks will be four-stories in height due to very limited land space. A multipurpose court and infrastructure for cable television service will be provided for the barracks. Construct a standard-design soldiers community building (SCB). SCB includes a lobby, manager's office, recreational areas, bulk storage, dayrooms, meeting rooms, laundry, kitchens, mail room, activity rooms, mechanical/electrical equipment rooms, and other common use/service type functions. Construct seven medium company and two large company two-story standard-design company operations facilities (COF). Each COF includes offices, conference room, toilets/showers, janitor's closet, equipment maintenance area, unit storage, general storage, lockers, arms vault, mechanical room and electrical room. Construct covered soldier gear wash areas adjacent to the COFs. Construct three two-story standard-design medium size battalion headquarters. Each battalion headquarters includes offices, classrooms, storage, toilets, showers, janitor's closet, mechanical room, electrical room, and an elevator. Environmental remediation is required at the construction site. Install							

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Schofield Barracks, Hawaii		
4. PROJECT TITLE	5. PROJECT NUMBER	
Whole Barracks Complex Renewal	46901	
9. <u>COST ESTIMATES (CONTINUED)</u>		
<u>Item</u>	<u>U/M</u>	<u>QTY</u>
		<u>Unit</u> <u>COST</u>
		<u>Cost</u> <u>(\$000)</u>
PRIMARY FACILITY (CONTINUED)		
Battalion Headquarters	m2	3,777 1,690 (6,383)
Environmental Remediation	LS	-- -- (250)
Environmental Risk Assessment	LS	-- -- (200)
Building Information Systems	LS	-- -- (1,100)
		Total 7,933
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)		
<p>intrusion detection systems (IDS) for each COF arms vault. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems including fire sprinklers; paving, walks, curbs, and gutters; storm drainage; information systems; site improvements; landscaping; and rerouting overhead electrical underground along Humphreys Road. Access for the handicapped will be provided for the SCB. Air conditioning will be provided for the barracks (80 tons), the SCB (36 tons), the COFs (180 tons), and the battalion headquarters (126 tons). Demolish 13 buildings (1,684 SM) within the footprint. Asbestos abatement is required prior to demolition of existing buildings located at the site. Comprehensive interior design packages (buildings and furnishings) are required for all buildings.</p>		
11. REQ: 5,885 PN ADQT: 1,305 PN SUBSTD: 4,580 PN		
PROJECT: Construct a standard-design barracks, a standard-design soldier community building (200 person capacity), nine standard-design company operations facilities, and three standard-design battalion headquarters to meet the Whole Barracks Renewal Program Standard. (Current Mission)		
REQUIREMENT: This project will provide barracks for a total maximum and intended utilization of 192 personnel (E1-E4) of the USAG A Company. This project is essential for implementing the long-range plan to provide adequate barracks for the entire brigade. The new unaccompanied enlisted personnel housing (UEPH) facility will house personnel that will be displaced during the modernization of existing substandard barracks scheduled in future years. This project will also include the construction of a soldier community building, company operations facilities for seven medium companies, two large companies, and three medium size battalion headquarters. This project is part of the Infantry Brigade Complex construction of barracks for a maximum utilization of 980 persons, company operations/battalion headquarters buildings, a dining facility, and soldier gear wash areas for the Infantry Brigade.		
CURRENT SITUATION: Personnel are currently housed in a substandard barracks building (90 SF per person) located on Schofield Barracks earmarked for revitalization. Existing living accommodations do not meet current Army		

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Schofield Barracks, Hawaii		
4. PROJECT TITLE	5. PROJECT NUMBER	
Whole Barracks Complex Renewal	46901	
12. SUPPLEMENTAL DATA: (Continued)		
A. Estimated Design Data: (Continued)		
(e) In-house.....		1,000
(4) Construction Start.....		NOV 1998
		month & year
<p>Installation Engineer: COL Dennis J. Fontana</p> <p>Phone Number: (808) 656-1289</p>		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
	NUMBER	PROJECT TITLE				
Illinois		Rock Island Arsenal (AMC)				37
	882	Electrical Distribution System	5,300	5,300	C	39
		Subtotal Rock Island Arsenal PART I	\$ 5,300	5,300		
		* TOTAL MCA FOR Illinois	\$ 5,300	5,300		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Rock Island Arsenal Illinois	4. COMMAND US Army Materiel Command	5. AREA CONSTRUCTION COST INDEX 1.11

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED	
	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	94	109	5536	7,502
B. END FY 2003	68	91	5403	7,522

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	361 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	205,740
C. AUTHORIZATION NOT YET IN INVENTORY.....	63,358
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	0
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	5,300
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	17,046
H. GRAND TOTAL.....	291,444

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM: NONE

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
811	Electrical Distribution System	5,300
TOTAL		5,300
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

The mission at Rock Island Arsenal includes: a. Manufacturing major and secondary items for aircraft armament, infantry weapons, gun mounts, recoil mechanisms, conventional artillery, and secondary armament of vehicles. b. Manufacturing prototypes and advanced engineering in support of research and development. c. Providing administration and storage space for a number of tenants including the Armaments, Munitions, and Chemical Command (AMCCOM) which commands the nations arsenals and ammunitions plants.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT		FY 1999		MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY						31 JAN 1997	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
Rock Island Arsenal Illinois				Electrical Distribution System			
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
72896A		811		882		Auth 5,300 Approp 5,300	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							4,000
Building Electrical Upgrade				LS	--	--	(3,096)
New Substation				LS	--	--	(463)
Switch				EA	4	13,910	(56)
Transformers				kVA	10,750	18.08	(194)
Asbestos Removal				LS	--	--	(191)
<u>SUPPORTING FACILITIES</u>							533
Electric Service				LS	--	--	(492)
Paving, Walks, Curbs And Gutters				LS	--	--	(4)
Site Imp(37) Demo()				LS	--	--	(37)
<u>ESTIMATED CONTRACT COST</u>							4,533
CONTINGENCY PERCENT (10.0%)							453
SUBTOTAL							4,986
SUPERVISION, INSPECTION & OVERHEAD (6.00%)							299
TOTAL REQUEST							5,285
TOTAL REQUEST (ROUNDED)							5,300
INSTALLED EQT-OTHER APPROPRIATIONS							(0)
10. Description of Proposed Construction Provide 13.8KV feeders in new and existing ducts from the Arsenal's main distribution substation. Provide a new Substation H linking the new feeders with existing radial feeders E & F, to provide looped feed to facilities now supported by feeders E & F. Connect to new transformers at existing building and upgrade building's interior power distribution circuits. Work includes connecting cable, switch gear, transformers, and panel boards, and replacing feeder circuits and power and distribution panels. Minor asbestos removal work is required. Supporting facilities include pavement repairs, altering existing substations for the new power loop, and site improvements; removal of old Substation H, existing transformers, switch gear, and cables.							
11. REQ: 13 kVA ADQT: NONE SUBSTD: 13 kVA							
PROJECT: Install an electrical feeder and replace outdated distribution circuits and substations. (Current Mission)							
REQUIREMENT: This project is required to upgrade and expand the electric distribution system, and to upgrade the secondary distribution within an existing building, thereby ensuring sufficient reliable power for critical operations in the Arsenal's primary administrative and support facilities.							

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Rock Island Arsenal, Illinois		
4. PROJECT TITLE	5. PROJECT NUMBER	
Electrical Distribution System	882	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>Major concerns include the Rock Island Defense Megacenter and other missions in the building. Forty percent of the Army's mainframe computer processing is provided from this building. This includes nearly all logistics, finance, payroll, engineering services, accounts receivable and billing processes for 189 continental United States (CONUS) military installations, in addition to the National Inventory Control Point (NICP), which supports all worldwide conventional ammunition operations from procurement to delivery. These missions require a clean, reliable source of electrical power, with proper backup circuits to ensure uninterrupted operations.</p> <p><u>CURRENT SITUATION:</u> Existing circuits E & F are operating significantly beyond designed capacity and are fast becoming inadequate. There is no backup electric feed for these circuits, as both lines were pressed into full-time service to meet increased electrical loads. The existing dead-end circuits do not have the capacity to isolate damaged areas and still continue to feed the remainder of the buildings during repair, and are vulnerable to service interruptions from numerous sources, such as lightning strikes, pole fires, traffic accidents, or flooding. Additional loads have been installed in supported buildings over the past five years and new loads will come on-line in the near future. Critical transformers are overheated due to continuous overloading, especially under summer cooling loads, and replacements for failing critical components are not readily available. Failure of either feed line now shuts down critical computer operations, and restoring operations on a single line at maximum capacity could be done only by shutting down other major facilities and sending major portions of the workforce home. The existing secondary distribution system based on an obsolete 2.4 KV voltage, has had repeated local alterations to support equipment additions and urgently requires upgrading to meet demands and provide modern reliable circuitry.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, a transformer or electrical line failure would curtail 40 percent of the Army's computer support. Some 30,000 users nationwide would be idle. Full-time (24 hour) data processing support to 149 defense-wide posts, camps, and stations (a number are major mobilization sites), nine depots, four arsenals and 27 ammunition plants would cease. Payroll and acquisition transactions would halt. Ammunition procurements, deliveries and issues worldwide would stop. Loss of power to existing building would also idle 2,000 US Army Armament, Munitions, and Chemical Command personnel. An outage could easily last several days, blocking actions in a wide range of critical Army mission areas, and would be especially critical if occurring during a mobilization scenario.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been</p>		

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
Indiana		Crane Army Ammunition Activity (AMC)				45
	47132	Ammunition Containerization Complex Ph II	7,100	7,100	C	47
		Subtotal Crane Army Ammunition Activity PART I \$	7,100	7,100		
		* TOTAL MCA FOR Indiana	\$ 7,100	7,100		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Crane Army Ammunition Activity Indiana	4. COMMAND US Army Materiel Command	5. AREA CONSTRUCTION COST INDEX 1.01

6. PERSONNEL STRENGTH:	PERMANENT		STUDENTS			SUPPORTED				
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	2	0	660	0	0	0	2	1	0	665
B. END FY 2003	1	0	620	0	0	0	2	1	1	625

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	540
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	7,700
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	7,100
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	3,090
H. GRAND TOTAL.....	18,430

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:				
CATEGORY PROJECT		COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
149	43249	Ammunition Containerization Complex	7,700	03/1996 07/1997
TOTAL			7,700	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
149	Ammunition Containerization Complex	7,100
TOTAL		7,100
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

Administers the renovation, loading maintenance, receipt, storage and issue of designated types of ammunition, explosives, pyrotechnics, mines, depth charges and other related components and assigned guided missiles and related components. Administers the surveillance of ammunition and explosive in storage, and the disposal of unserviceable and/or dangerous ammunition and explosives.

1. COMPONENT ARMY:	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997								
INSTALLATION AND LOCATION: Crane Army Ammunition Activity Indiana										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <table data-bbox="191 457 1040 590"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
REMARKS : Real Property Maintenance cost data is not maintained by the Army for this installation.										
Empty space for additional remarks										

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Crane Army Ammunition Activity Indiana			4. PROJECT TITLE Ammunition Containerization Complex Ph II		
5. PROGRAM ELEMENT 72896A	6. CATEGORY CODE 149	7. PROJECT NUMBER 47132	8. PROJECT COST (\$000) Auth 7,100 Approp 7,100		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					5,374
Dock/Working Area		m2	2,713	645.83	(1,752)
Office/Break Area		m2	74.32	1,432	(106)
Rail Spur		m	609.60	836.61	(510)
Lightning Protection		LS	--	--	(160)
Exterior Lighting		LS	--	--	(125)
Total from Continuation page					(2,721)
<u>SUPPORTING FACILITIES</u>					1,010
Electric Service		LS	--	--	(165)
Water, Sewer, Gas		LS	--	--	(170)
Paving, Walks, Curbs And Gutters		LS	--	--	(210)
Site Imp(330) Demo(90)		LS	--	--	(420)
Security Fence		LS	--	--	(45)
ESTIMATED CONTRACT COST					6,384
CONTINGENCY PERCENT (5.00%)					319
SUBTOTAL					6,703
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					402
TOTAL REQUEST					7,105
TOTAL REQUEST (ROUNDED)					7,100
INSTALLED EQT-OTHER APPROPRIATIONS					(0)
10. Description of Proposed Construction Construct a containerization complex. Project includes an elevated covered stuffing/transfer dock with working area, office and break areas, and road-rail access. All surface areas require heavy-duty paving for truck and container handler traffic. Construct an earth covered magazine. Construct storage space for prepositioned empty containers, additional features include barricades, lightning protection, and exterior lighting for 24-hour operations. Supporting facilities include utilities, electric service, paving, security fencing, information systems, and site improvements. Heating and air conditioning (3 tons) will be provided for the office/break areas by a self-contained electric heat pump. Demolish one magazine (498 SM) within the footprint.					
11. REQ: 3 EA ADQT: 1 EA SUBSTD: NONE					
PROJECT: Construct a containerization complex. (Current Mission)					
REQUIREMENT: This project provides an additional ammunition containerization complex with loading dock, storage and staging areas, with rail and road access. Construction of this project will raise the total capability at this installation to ship loaded ammunition containers to 310 containers/day. The ability to quickly respond to a Major Regional Conflict requires early					

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE																																								
ARMY		31 JAN 1997																																								
3. INSTALLATION AND LOCATION																																										
Crane Army Ammunition Activity, Indiana																																										
4. PROJECT TITLE		5. PROJECT NUMBER																																								
Ammunition Containerization Complex Ph II		47132																																								
<p><u>9. COST ESTIMATES (CONTINUED)</u></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 45%;"><u>Item</u></th> <th style="text-align: center; width: 10%;"><u>U/M</u></th> <th style="text-align: center; width: 10%;"><u>QTY</u></th> <th style="text-align: center; width: 15%;"><u>Unit COST</u></th> <th style="text-align: right; width: 20%;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="5"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td>Empty Container Storage</td> <td style="text-align: center;">LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(225)</td> </tr> <tr> <td>Barricades</td> <td style="text-align: center;">LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(370)</td> </tr> <tr> <td>Upgrade Rail</td> <td style="text-align: center;">LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(110)</td> </tr> <tr> <td>Loading Yard</td> <td style="text-align: center;">m3</td> <td style="text-align: right;">4,301</td> <td style="text-align: right;">294.29</td> <td style="text-align: right;">(1,266)</td> </tr> <tr> <td>Earth-covered Magazine</td> <td style="text-align: center;">m2</td> <td style="text-align: right;">497.59</td> <td style="text-align: right;">1,507</td> <td style="text-align: right;">(750)</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: right;">Total</td> <td style="text-align: right;">2,721</td> </tr> </tbody> </table> <p><u>REQUIREMENT: (CONTINUED)</u> availability of empty shipping containers and the ability to handle, stuff, and ship ammunition in containers from this installation to Atlantic or Pacific outports for surface transportation in support of Rapid Deployment Force</p> <p><u>CURRENT SITUATION:</u> Under ASMP, this site is assigned a shipping requirement of 310 containers per day. The installation has 168 miles of rail servicing over 1,600 ammunition storage igloos, with over 50 percent of ammunition stocks in storage accessible only by rail. Incoming empty containers (standard steel 8' x 8' x 20' weathertight military-owned vehicles (MILVAN) or commercial cargo containers) are off-loaded and temporarily stored in holding/storage areas that lack a proper surface for sustained operations and are too small to meet projected empty container and container transport chassis storage needs (3-5 day supply on hand). Ammunition is moved by railcar or truck from the storage magazine to a covered loading dock, stuffed into a container, and the container subsequently picked up, carried to and loaded on a railcar or truck (80 percent by rail and 20 percent by truck) for shipment. Loading and unloading surfaces now used are too small to access more than one railcar at a time and lack a heavy duty surface to withstand the constant loads imposed by the Rough-Terrain Container Handler used to move/load containers. This project will increase daily capability to 310 containers per day.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, this activity will not be able to increase ammunition shipping operations consistent with ASMP requirements. Delays in delivery of ammunition could delay departure of elements of the Rapid Reaction Force, or leave deployed elements critically short of ammunition should follow-on stocks not arrive in theater as planned.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this</p>			<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>	<u>PRIMARY FACILITY (CONTINUED)</u>					Empty Container Storage	LS	--	--	(225)	Barricades	LS	--	--	(370)	Upgrade Rail	LS	--	--	(110)	Loading Yard	m3	4,301	294.29	(1,266)	Earth-covered Magazine	m2	497.59	1,507	(750)				Total	2,721
<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>																																						
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DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
	NUMBER	PROJECT TITLE				
Kentucky		Fort Campbell (FORSCOM)				53
	33901	Whole Barracks Complex Renewal	38,000	38,000	C	55
		Subtotal Fort Campbell PART I	\$ 38,000	38,000		
		Lexington-Blue Grass Dep Act (AMC)				59
	44533	Ammunition Containerization Complex	5,300	5,300	C	61
		Subtotal Lexington-Blue Grass Dep Act PART I	\$ 5,300	5,300		
		* TOTAL MCA FOR Kentucky	\$ 43,300	43,300		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Campbell Kentucky	4. COMMAND US Army Forces Command	5. AREA CONSTRUCTION COST INDEX 0.99

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED	
	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	TOTAL
A. AS OF 30 SEP 1996	2888 19968 2319	24 192 0	24 159 3344	28,918
B. END FY 2003	2919 20371 2167	4 187 0	24 159 3344	29,175

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	42,519 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	388,554
C. AUTHORIZATION NOT YET IN INVENTORY.....	233,301
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	37,000
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	38,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	130,006
H. GRAND TOTAL.....	826,861

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:			
CATEGORY	PROJECT	COST	DESIGN STATUS
CODE	NUMBER PROJECT TITLE	(\$000)	START COMPLETE
721	46740 Whole Barracks Complex Renewal	37,000	11/1995 09/1997
TOTAL		37,000	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST
CODE		(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
721	Whole Barracks Complex Renewal	38,000
TOTAL		38,000
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

Support and training of an Airborne (Air Assault) Division and other non-divisional support units. Ensure the most efficient utilization of resources to operate the installation and discharge the Fort Campbell area support mission. Ensure that Fort Campbell is prepared for mobilization. Provide command and control, and prepare designated units to rapidly deploy worldwide for the performance of combat, combat support, and combat service support missions as assigned.

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Campbell Kentucky			4. PROJECT TITLE Whole Barracks Complex Renewal		
5. PROGRAM ELEMENT 22696A	6. CATEGORY CODE 721	7. PROJECT NUMBER 33901	8. PROJECT COST (\$000) Auth 38,000 Approp 38,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					29,191
Barracks		m2	9,427	1,281	(12,075)
Soldier Community Building		m2	1,618	1,281	(2,073)
Dining Facility		m2	1,846	2,045	(3,776)
Brigade Headquarters Building		m2	938.32	1,216	(1,141)
Battalion Headquarters Building		m2	2,652	1,216	(3,226)
Total from Continuation page					(6,900)
<u>SUPPORTING FACILITIES</u>					5,366
Electric Service		LS	--	--	(560)
Water, Sewer, Gas		LS	--	--	(585)
Paving, Walks, Curbs And Gutters		LS	--	--	(765)
Storm Drainage		LS	--	--	(996)
Site Imp(578) Demo(875)		LS	--	--	(1,453)
Information Systems		LS	--	--	(1,007)
ESTIMATED CONTRACT COST					34,557
CONTINGENCY PERCENT (5.00%)					1,728
SUBTOTAL					36,285
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					2,177
TOTAL REQUEST					38,462
TOTAL REQUEST (ROUNDED)					38,000
INSTALLED EQT-OTHER APPROPRIATIONS					()
10. Description of Proposed Construction Construct a standard-design whole barracks renewal complex. This project is the first of three phases and includes two barracks buildings, soldier community facility, dining facilities, company operations facilities, brigade headquarters, and battalion headquarters. Barracks include living/sleeping rooms, semi-private baths, walk-in closets, and storage. Soldier community facilities include dayrooms, television rooms, storage, and laundry facilities. Install an intrusion detection system IDS). Connect to the energy monitoring and control systems (EMCS). Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking and access roads; storm drainage; relocate athletic field; information systems; and site improvements. Access for the handicapped will be provided in administrative areas. Heating will be provided by gas-fired units and air conditioning (1,570 tons) by self-contained units. Demolish 27 buildings (54,182 SM) within the footprint of the complex. Supporting facility cost are high due to extensive demolition and relocation of the existing utility systems. Comprehensive interior design are required.					

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Fort Campbell, Kentucky		
4. PROJECT TITLE		5. PROJECT NUMBER
Whole Barracks Complex Renewal		33901
9. COST ESTIMATES (CONTINUED)		
<u>Item</u>	<u>U/M</u>	<u>QTY</u>
		<u>Unit</u>
		<u>COST</u>
		<u>Cost</u>
		<u>(\$000)</u>
PRIMARY FACILITY (CONTINUED)		
Company Operations Facility	m2	5,302
EMCS	LS	--
IDS Installation	LS	--
Building Information Systems	LS	--
		1,141
		(6,050)
		(62)
		(15)
		(773)
		Total
		6,900
11. REQ: 7,042 PN ADQT: 2,536 PN SUBSTD: 4,506 PN		
PROJECT: Construct a standard-design whole barracks renewal complex. (Current Mission)		
REQUIREMENT: This project is required to provide barracks, operations, and community facilities that comply with current Army standards for space, security, storage, privacy and administrative support for single soldiers. Maximum utilization is 336 personnel with intended utilization of 268 E1-E4 and 34 E5-E6.		
CURRENT SITUATION: Soldiers are living in inadequate Korean War-era barracks that do not provide the minimum net square footage required by current Army standards. These barracks have gang latrines, deteriorating heating and cooling systems, and undersized sewage drains that overflow into showers, hallways, and living quarters. These barracks do not have heat and smoke detectors or provide adequate security for soldiers' personal and military issue items.		
IMPACT IF NOT PROVIDED: If this project is not provided, single soldiers stationed at Fort Campbell will continue to live in barracks which lack authorized living space, properly functioning heating and cooling systems, adequately sized utilities, safety and security components. Soldiers will not have facilities that provide security, privacy or comfort resulting in poor morale and low retention rates.		
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project. During the past two years, \$17.6 million has been spent on RPM for unaccompanied enlisted personnel housing at Fort Campbell. Upon completion of this project the remaining permanent party requirement is 4,170 spaces at this installation.		

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997																				
3. INSTALLATION AND LOCATION Fort Campbell, Kentucky																						
4. PROJECT TITLE Whole Barracks Complex Renewal	5. PROJECT NUMBER 33901																					
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table style="width: 100%;"> <tr> <td>(a) Date Design Started.....</td> <td style="text-align: right;">JAN 1997</td> </tr> <tr> <td>(b) Parametric Cost Estimating Used to Develop Costs</td> <td style="text-align: right;">NO</td> </tr> <tr> <td>(c) Percent Complete As Of January 1998.....</td> <td style="text-align: right;">40</td> </tr> <tr> <td>(d) Date 35% Designed.....</td> <td style="text-align: right;">DEC 1997</td> </tr> <tr> <td>(e) Date Design Complete.....</td> <td style="text-align: right;">JUN 1998</td> </tr> </table> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design - (YES/NO) Y</p> <p>(b) Where Design Was Most Recently Used USACE</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table style="width: 100%;"> <tr> <td>(a) Production of Plans and Specifications.....</td> <td style="text-align: right;">2,200</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right;">1,400</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right;">3,600</td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right;">2,800</td> </tr> <tr> <td>(e) In-house.....</td> <td style="text-align: right;">800</td> </tr> </table> <p>(4) Construction Start..... MAR 1999 month & year</p>			(a) Date Design Started.....	JAN 1997	(b) Parametric Cost Estimating Used to Develop Costs	NO	(c) Percent Complete As Of January 1998.....	40	(d) Date 35% Designed.....	DEC 1997	(e) Date Design Complete.....	JUN 1998	(a) Production of Plans and Specifications.....	2,200	(b) All Other Design Costs.....	1,400	(c) Total Design Cost.....	3,600	(d) Contract.....	2,800	(e) In-house.....	800
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Installation Engineer: LTC John L. McGonigle Phone Number: (502) 798-9700																						

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Blue Grass Dep Act Kentucky	4. COMMAND US Army Materiel Command	5. AREA CONSTRUCTION COST INDEX 0.96

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED								
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	
A. AS OF 30 SEP 1996	3	4	513	0	0	0	0	4	284	808	
B. END FY 2003	3	4	518	0	0	0	0	4	283	812	

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	5,907 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	540,703
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	0
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	16,300
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	5,384
H. GRAND TOTAL.....	562,387

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM: NONE

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
149	Container handling Facility	5,300
216	Ammunition Demilitarization Fac Ph I	11,000
TOTAL		16,300
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

To operate a multi-purpose depot activity providing for the receipt, storage, issue and maintenance (COMSEC) of assigned commodities; provide installation support to attached organizations; and operate such other facilities as may be assigned.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY.	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
INSTALLATION AND LOCATION: Blue Grass Dep Act Kentucky		
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$22,034 K, based on the Installation Status Report information on conditions as of October 1996.		

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE																																			
ARMY		31 JAN 1997																																			
3. INSTALLATION AND LOCATION																																					
Lexington-Blue Grass Dep Act, Kentucky																																					
4. PROJECT TITLE	5. PROJECT NUMBER																																				
Ammunition Containerization Complex	44533																																				
9. COST ESTIMATES (CONTINUED) <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 45%;"><u>Item</u></th> <th style="text-align: center; width: 10%;"><u>U/M</u></th> <th style="text-align: center; width: 10%;"><u>QTY</u></th> <th style="text-align: center; width: 15%;"><u>Unit COST</u></th> <th style="text-align: center; width: 20%;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="5" style="padding-top: 10px;">PRIMARY FACILITY (CONTINUED)</td> </tr> <tr> <td>Rail Siding</td> <td style="text-align: center;">m</td> <td style="text-align: right;">740</td> <td style="text-align: right;">674.17</td> <td style="text-align: right;">(499)</td> </tr> <tr> <td>Remote Stuffing/Transfer Site</td> <td style="text-align: center;">m2</td> <td style="text-align: right;">12,261</td> <td style="text-align: right;">54.83</td> <td style="text-align: right;">(672)</td> </tr> <tr> <td>Transfer Site (Route 2)</td> <td style="text-align: center;">m2</td> <td style="text-align: right;">8,800</td> <td style="text-align: right;">60.68</td> <td style="text-align: right;">(534)</td> </tr> <tr> <td>Building Information Systems</td> <td style="text-align: center;">LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(1)</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: right;">Total</td> <td style="text-align: right;">1,706</td> </tr> </tbody> </table>			<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>	PRIMARY FACILITY (CONTINUED)					Rail Siding	m	740	674.17	(499)	Remote Stuffing/Transfer Site	m2	12,261	54.83	(672)	Transfer Site (Route 2)	m2	8,800	60.68	(534)	Building Information Systems	LS	--	--	(1)				Total	1,706
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Building Information Systems	LS	--	--	(1)																																	
			Total	1,706																																	
REQUIREMENT: (CONTINUED) ammunition containers to 300 containers/day. The ability to quickly respond to a Major Regional Conflict requires early availability of empty shipping containers and the ability to handle, stuff, and ship ammunition in containers from this installation to Atlantic or Pacific outports for surface transportation in support of Rapid Deployment Forces.																																					
CURRENT SITUATION: Under ASMP, this site is assigned a shipping requirement of 300 containers per day, more than double the current capability. Incoming empty containers (standard steel 8'x 20' weathertight military-owned vehicle (MILVAN) or commercial cargo containers) are off-loaded and temporarily stored in a holding/storage area that has no inspection or repair facilities, lacks a proper surface for sustained operations and is too small to meet projected empty container storage needs. Ammunition is now triple-handled, moving by semi-trailer or straddle carrier from the igloo to a loading pad, stuffed into a container, and the container subsequently picked up and loaded on a railcar for shipment. Loading and unloading surfaces now used are narrow asphalt transfer pads whose surfaces were quickly destroyed by container loading during Desert Storm; the extreme loads imposed by the Rough Terrain Container Handler required to load/move loaded containers require a heavy-duty surface for continuing operations.																																					
IMPACT IF NOT PROVIDED: If this project is not provided, this Depot will not be able to increase ammunition shipping operations consistent with ASMP requirements. Delays in delivery of ammunition could delay departure of elements of the Rapid Reaction Force, or leave deployed elements critically short of ammunition should follow-on stocks not arrive in theater as planned.																																					
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet this requirement.																																					

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997																				
3. INSTALLATION AND LOCATION Lexington-Blue Grass Dep Act, Kentucky																						
4. PROJECT TITLE Ammunition Containerization Complex	5. PROJECT NUMBER 44533																					
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(a) Date Design Started.....</td> <td style="text-align: right; border-bottom: 1px solid black;">JAN 1996</td> </tr> <tr> <td>(b) Parametric Cost Estimating Used to Develop Costs</td> <td style="text-align: right; border-bottom: 1px solid black;">NO</td> </tr> <tr> <td>(c) Percent Complete As Of January 1998.....</td> <td style="text-align: right; border-bottom: 1px solid black;">40</td> </tr> <tr> <td>(d) Date 35% Designed.....</td> <td style="text-align: right; border-bottom: 1px solid black;">DEC 1997</td> </tr> <tr> <td>(e) Date Design Complete.....</td> <td style="text-align: right; border-bottom: 1px solid black;">JUN 1998</td> </tr> </table> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design - (YES/NO) N</p> <p>(b) Where Design Was Most Recently Used</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(a) Production of Plans and Specifications.....</td> <td style="text-align: right; border-bottom: 1px solid black;">145</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right; border-bottom: 1px solid black;">45</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right; border-bottom: 1px solid black;">190</td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right; border-bottom: 1px solid black;"></td> </tr> <tr> <td>(e) In-house.....</td> <td style="text-align: right; border-bottom: 1px solid black;">190</td> </tr> </table> <p>(4) Construction Start..... DEC 1998 month & year</p>			(a) Date Design Started.....	JAN 1996	(b) Parametric Cost Estimating Used to Develop Costs	NO	(c) Percent Complete As Of January 1998.....	40	(d) Date 35% Designed.....	DEC 1997	(e) Date Design Complete.....	JUN 1998	(a) Production of Plans and Specifications.....	145	(b) All Other Design Costs.....	45	(c) Total Design Cost.....	190	(d) Contract.....		(e) In-house.....	190
(a) Date Design Started.....	JAN 1996																					
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(c) Total Design Cost.....	190																					
(d) Contract.....																						
(e) In-house.....	190																					
Installation Engineer: Kenneth Brown Phone Number: 606 625-6266																						

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
Maryland		Fort Detrick (MEDCOM)				67
	46358	Physical Fitness Training Center	3,100	3,100	C	69
		Subtotal Fort Detrick PART I	\$ 3,100	3,100		
		* TOTAL MCA FOR Maryland	\$ 3,100	3,100		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Detrick Maryland	4. COMMAND US Army Health Services Command		5. AREA CONSTRUCTION COST INDEX 0.92

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	179	572	1098	3	0	0	68	45	2053	4,018
B. END FY 2003	201	1324	1529	3	0	0	71	129	2059	5,316

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	467 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	131,801
C. AUTHORIZATION NOT YET IN INVENTORY.....	2,000
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	0
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	3,100
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	139,344
H. GRAND TOTAL.....	276,245

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM: NONE

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
740	Physical Fitness Training Center	3,100
TOTAL		3,100
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

The US Army Garrison, Fort Detrick, provides conventional installation and mission unique support to DoD and non-DoD organizations engaged in: medical and botanical research and development, medical intelligence, medical logistics and global telecommunications. Major tenant activities include: US Army Medical Research and Development Command; US Army Medical Research Institute of Infectious Diseases; US Army Biomedical Research and Development Laboratory; National Cancer Institute; US Department of Agriculture; Armed Forces Medical Intelligence Center; Defense Medical Standardization Board; Air Force Medical Logistics Office; Naval Medical Materiel Support Command; US Army Medical Materiel Agency; and the US Army Information Systems Command - East Coast Telecommunications Center.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

(\$000)

A. AIR POLLUTION 0

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997						
<p>INSTALLATION AND LOCATION: Fort Detrick Maryland</p>								
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (...CONTINUED)</p> <table> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)							
B. WATER POLLUTION	0							
C. OCCUPATIONAL SAFETY AND HEALTH	0							
<p>REMARKS :</p> <p>The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$69,001 K, based on the Installation Status Report information on conditions as of October 1996.</p>								
Empty space for additional remarks								

1. COMPONENT		FY 1999		MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY						31 JAN 1997	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
Fort Detrick Maryland				Physical Fitness Training Center			
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
87796A		740		46358		Auth 3,100 Approp 3,100	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							4,852
Physical Fitness Center				m2	3,479	1,389	(4,833)
Building Information Systems				LS	--	--	(19)
<u>SUPPORTING FACILITIES</u>							1,044
Electric Service				LS	--	--	(135)
Water, Sewer, Gas				LS	--	--	(149)
Paving, Walks, Curbs And Gutters				LS	--	--	(125)
Storm Drainage				LS	--	--	(126)
Site Imp(487) Demo()				LS	--	--	(487)
Information Systems				LS	--	--	(22)
ESTIMATED CONTRACT COST							5,896
CONTINGENCY PERCENT (5.00%)							295
SUBTOTAL							6,191
SUPERVISION, INSPECTION & OVERHEAD (6.00%)							371
TOTAL REQUEST							6,562
TOTAL REQUEST (ROUNDED)							6,600
INSTALLED EQT-OTHER APPROPRIATIONS							()
10. Description of Proposed Construction This project is conjunctively funded with Base Closure, Army (BCA) and Military Construction, Army (MCA) appropriations. The MCA appropriation is \$3,100K, 47 percent of the total construction cost of \$6,600K. The BCA Project Number is 48153. Both projects reflect the total scope and total construction cost of the project. Construct a standard-design physical fitness center to include a gymnasium, exercise and weight room, staff office, laundry, storage, supply and issue room, vending area, mechanical room, four handball/racquetball courts, locker rooms, showers, toilets, and saunas. Supporting facilities include utilities; electric service; parking; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; fencing and gates; storm drainage; information systems; and site improvements. Storm water management is linked to the installation system. Air conditioning will be provided by an indoor central station air-handling unit with direct expansion cooling coil and hot water heating coil. Hot water will be provided by an on-site, gas-fired boiler. Mechanical ventilation will be provided. Access for the handicapped will be provided. Access for the handicapped will be provided.							

1. COMPONENT		2. DATE	
ARMY		31 JAN 1997	
FY 1999 MILITARY CONSTRUCTION PROJECT DATA			
3. INSTALLATION AND LOCATION			
Fort Detrick, Maryland			
4. PROJECT TITLE		5. PROJECT NUMBER	
Physical Fitness Training Center		46358	
<p>11. REQ: 3,479 m2 ADQT: 424 m2 SUBSTD: 1,241 m2</p> <p>PROJECT: Construct a standard-design physical fitness center to replace the existing gymnasium that was condemned as a result of structural storm damage. (Current Mission)</p> <p>REQUIREMENT: This project will provide a permanent physical fitness center designed and constructed to current standards that will meet the fitness and recreation requirements for all Fort Detrick authorized personnel.</p> <p>CURRENT SITUATION: An existing undersized physical fitness center, a 13,361 SF WWII structure was damaged in windstorms in 1995 and was condemned. Physical fitness activities have been drastically curtailed since the condemnation of the building. Intramural basketball has been canceled. A temporary free weight room is operating in an existing WWII building scheduled for demolition. A Nautilus center and racquetball courts are the only other indoor physical fitness facilities currently in operation. The existing physical fitness facilities at Fort Detrick are in high demand and are overcrowded during peak use hours.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, soldiers at Fort Detrick and Site R will not have an adequate facility in which to conduct a physical fitness program and organized indoor sports. This will adversely affect the soldiers' physical conditioning, quality-of-life, health and morale, thereby jeopardizing retention rates, and ultimately, unit readiness. The severe winter conditions necessitate indoor facilities for year round fitness activities. Quality-of-life objectives for the Fort Detrick community make this physical fitness center a vital requirement in meeting the needs of our total military community, including family members.</p> <p>ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.</p>			
12. SUPPLEMENTAL DATA:			
A. Estimated Design Data:			
(1) Status:			
(a)	Date Design Started.....	JAN 1997	
(b)	Parametric Cost Estimating Used to Develop Costs	NO	
(c)	Percent Complete As Of January 1998.....	40	
(d)	Date 35% Designed.....	DEC 1997	
(e)	Date Design Complete.....	JUN 1998	
(2) Basis:			

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
	NUMBER	PROJECT TITLE				
Missouri		Fort Leonard Wood (TRADOC)				75
	38626	Engineer Qualification Range	4,700	4,700	C	77
		Subtotal Fort Leonard Wood PART I	\$ 4,700	4,700		
		* TOTAL MCA FOR Missouri	\$ 4,700	4,700		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Leonard Wood Missouri	4. COMMAND US Army Training and Doctrine Command	5. AREA CONSTRUCTION COST INDEX 1.02

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED	
	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	TOTAL
A. AS OF 30 SEP 1996	553 3326 1531	336 8879 0	31 556 1575	16,787
B. END FY 2003	836 4539 2146	588 11840 110	47 486 1787	22,379

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	25,459 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	465,877
C. AUTHORIZATION NOT YET IN INVENTORY.....	7,671
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	0
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	4,700
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	47,900
H. GRAND TOTAL.....	526,148

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM: NONE

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
179	Engineer Qualification Range	4,700
TOTAL		4,700
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

Provides support and facilities for a US Army Training Center, US Army Engineer School, US Army Reception Station, Noncommissioned Officer Academy/Drill Sergeant School, US Army Hospital, major combat and combat support forces and other tenant activities. Supports Reserve Components and other satellited activities and units.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Leonard Wood Missouri				4. PROJECT TITLE Engineer Qualification Range		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 179	7. PROJECT NUMBER 38626		8. PROJECT COST (\$000) Auth 4,700 Approp 4,700	
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					2,902	
Admin Gen Purp		m2	74.32	1,148	(85)	
Observation Tower		EA	1	101,052	(101)	
Range Classrooms		m2	1,579	618.06	(976)	
Antitank Minefield Range		LS	--	--	(126)	
Wire Obstacles Range		LS	--	--	(137)	
Total from Continuation page					(1,477)	
<u>SUPPORTING FACILITIES</u>					1,323	
Electric Service		LS	--	--	(73)	
Water, Sewer, Gas		LS	--	--	(1)	
Storm Drainage		LS	--	--	(250)	
Site Imp(746) Demo(77)		LS	--	--	(823)	
Information Systems		LS	--	--	(176)	
ESTIMATED CONTRACT COST					4,225	
CONTINGENCY PERCENT (5.00%)					211	
SUBTOTAL					4,436	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					266	
TOTAL REQUEST					4,702	
TOTAL REQUEST (ROUNDED)					4,700	
INSTALLED EQT-OTHER APPROPRIATIONS					()	
10. Description of Proposed Construction Construct an engineer qualification range, and explosives training center site. Project includes an administrative building, observation tower, an applied instruction classroom, a general classroom, a demolition issue point, a fenced material holding area, a standard two-lane gravel roadway, a bermed bunker, a bermed abatis, ten 50-meter bermed areas along roadway, steel-lined concrete holes for trees, and a multi-span mockup bridge, and an exhibit area hardstand. Supporting facilities include utilities, electric service, storm drainage, fencing, information systems, and site improvements. Heating (gas- fired) and air conditioning (3 tons) will be provided by self-contained units. Demolish one building (1,590 SM). Supporting facilities cost is high due to gravel roads connecting the various training/testing areas, construction of safety berms, and extensive site improvements.						
11. REQ: 1 EA ADQT: NONE SUBSTD: NONE PROJECT: Construct an engineer qualification range and explosive training center. (Current Mission)						

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE		
ARMY		31 JAN 1997		
3. INSTALLATION AND LOCATION				
Fort Leonard Wood, Missouri				
4. PROJECT TITLE	5. PROJECT NUMBER			
Engineer Qualification Range	38626			
<u>9. COST ESTIMATES (CONTINUED)</u>				
<u>Item</u>	<u>U/M</u>	<u>QTY</u>	Unit <u>COST</u>	Cost <u>(\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>				
Abatis Range	LS	--	--	(148)
Hardstand Exhibit Area	m2	928.94	18.57	(17)
Road Cratering Range	LS	--	--	(159)
Antipersonnel Minefield	LS	--	--	(129)
Steel Cutting Range	LS	--	--	(146)
Bridge Demolitions Range	LS	--	--	(243)
Sedimentation Basin	LS	--	--	(97)
Latrine	EA	1	50,190	(50)
Sheltered Mess	m2	70.61	480.16	(34)
Gravel Roads and Walks	m2	42,915	9.36	(402)
Building Information Systems	LS	--	--	(52)
		Total		1,477
<u>REQUIREMENT:</u> This project is required to provide adequate range facilities for engineer qualification, and explosive training. This training range will be used to train approximately 20,000 enlisted soldiers and qualify approximately 2,400 engineer officers and noncommissioned officers annually on five mobility collective tasks, five countermobility collective tasks and 11 different engineer battle drills. This will be both a live-fire and inert munitions training area. The facility will be used approximately 240 days a year. It will become the standard design for the entire engineer corps for an engineer qualification range which will become the Army's tool to train and qualify the entire engineer force on live and inert mobility and countermobility collective tasks and engineer battle drills. Adequate permanent facilities are not available to support this mission. This range will become the standard for training throughout the Corps of Engineers.				
<u>CURRENT SITUATION:</u> There is no standard range to train and qualify Combat Engineers. Ranges for mobility and countermobility collective tasks and engineer battle drills do not exist at Fort Leonard Wood. The current facilities support training and testing of individual tasks randomly scattered through out the installation which do not have the capabilities for testing and evaluating collective tasks. During mobilization training for Desert Shield/Storm, the need for a facility of this nature was magnified when specific battle drills were identified in deployment train-ups.				
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Fort Leonard Wood will be unable to meet the standards required to train the engineer qualification course. Lack of a standard testing evaluation facility with simulated combat situation will adversely impact the entire engineer force. If not provided, the US Army Engineer Center's mission of providing the latest engineer training and technologies to the US Army Education System, the				

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
ARMY			31 JAN 1997
3. INSTALLATION AND LOCATION			
Fort Leonard Wood, Missouri			
4. PROJECT TITLE		5. PROJECT NUMBER	
Engineer Qualification Range		38626	
12. SUPPLEMENTAL DATA: (CONTINUED)			
B. Equipment associated with this project which will be provided from other appropriations:			
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
	NA		
<p>Installation Engineer: LTC Don Pawlowski</p> <p>Phone Number: 573 596-0840</p>			

DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
New York		United States Military Academy (USMA)				83
	47591	Cadet Physical Development Center	88,000	4,400	C	85
		Subtotal United States Military Academy PART I \$	88,000	4,400		
		* TOTAL MCA FOR New York	\$ 88,000	4,400		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION United States Military Academy New York	4. COMMAND United States Military Academy		5. AREA CONSTRUCTION COST INDEX 1.23

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	778	637	2536	34	4034	0	70	340	2164	10,593
B. END FY 2003	726	613	2519	34	3989	0	64	318	2205	10,468

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	2,633 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	373,900
C. AUTHORIZATION NOT YET IN INVENTORY.....	57,600
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	0
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	4,400
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	95,021
H. GRAND TOTAL.....	530,921

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM: NONE

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
740	Cadet Physical Development Center	4,400
TOTAL		4,400
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

The mission of the United States Military Academy (USMA) is to educate, train, and inspire the Corps of Cadets so that each graduate shall have the character, leadership, intellectual foundation, and other attributes essential to progression and continuing development throughout a career of exemplary service to the nation as an officer of the regular army. USMA is the installation manager for Stewart Army Subpost.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
INSTALLATION AND LOCATION: United States Military Academy New York		
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$467,283 K, based on the Installation Status Report information on conditions as of October 1996.		

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION United States Military Academy New York			4. PROJECT TITLE Cadet Physical Development Center		
5. PROGRAM ELEMENT 85896A	6. CATEGORY CODE 740	7. PROJECT NUMBER 47591	8. PROJECT COST (\$000) Auth 88,000 Approp 4,400		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					73,517
Cadet Phys Devl Ctr		m2	28,243	1,877	(53,006)
50 Meter Pool		m2	2,044	2,476	(5,060)
Temporary Facilities		LS	--	--	(1,925)
Expand Crandall Pool		m2	929.03	2,208	(2,052)
Renovate Hayes Gyms		m2	2,787	652.62	(1,819)
Total from Continuation page					(9,655)
<u>SUPPORTING FACILITIES</u>					5,636
Paving, Walks, Curbs And Gutters		LS	--	--	(158)
Site Imp(1,300) Demo(4,128)		LS	--	--	(5,428)
Information Systems		LS	--	--	(50)
<u>ESTIMATED CONTRACT COST</u>					79,153
<u>CONTINGENCY PERCENT (5.00%)</u>					3,958
<u>SUBTOTAL</u>					83,111
<u>SUPERVISION, INSPECTION & OVERHEAD (6.00%)</u>					4,987
<u>TOTAL REQUEST</u>					88,098
<u>TOTAL REQUEST (ROUNDED)</u>					88,000
<u>INSTALLED EQT-OTHER APPROPRIATIONS</u>					(1,742)
10. Description of Proposed Construction Project is a multi-year project to revitalize, including partial replacement, the Arvin Cadet Physical Development Center. A modern cadet physical development center will be constructed on the general site of the demolished buildings, Hayes Gymnasium and the adjacent main entrance lobby will be seismically upgraded and revitalized to current standards and Crandall Pool will be enlarged (an appropriate diving well provided) and seismically upgraded. Temporary facilities will be provided to allow for the continuation of the required physical development of cadets. The required facilities provided by the four-phased project include: full sized basketball courts with spectator seating, men's and women's staff and faculty locker rooms, sports medicine facility, sports physiology lab, Directorate of Intercollegiate Athletics (DIA) training room, cadet physical therapy clinic, 50-meter instructional pool (with moveable bulkheads and floor), racquetball and squash courts with spectator areas, multi-purpose rooms, combative rooms (wrestling, judo, self-defense, etc.) boxing rooms, gymnastics room with climbing wall, fitness rooms (weights and fitness machines), meeting/class rooms, bike shop, ski shop, staff offices, supply/laundry, concession area, diving well (for 10-meter and springboard diving), 8-lane competition (Crandall) pool, storage, required scoreboards in the various competitive					

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE		
ARMY		31 JAN 1997		
3. INSTALLATION AND LOCATION				
United States Military Academy, New York				
4. PROJECT TITLE		5. PROJECT NUMBER		
Cadet Physical Development Center		47591		
9. COST ESTIMATES (CONTINUED)				
<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>				
Rock Excavation	m3	932.76	209.27	(195)
Seismic Upgrade	LS	--	--	(4,773)
Restore Facade/Roof	LS	--	--	(1,039)
IDS System	LS	--	--	(402)
EMCS System	LS	--	--	(605)
Building Information Systems	LS	--	--	(2,641)
			Total	9,655
<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u>				
<p>areas, public address systems, mechanical and electrical rooms, heating, ventilation and air conditioning (HVAC) systems to be provided for offices, fitness rooms, main spectator areas, required telecommunications closets, heating to be provided to all spaces as required, fire detection and suppression systems, closed circuit internal television monitoring and surveillance systems, intrusion detection system (IDS), and energy monitoring and control system (EMCS). Supporting facilities include rock stabilization, and site improvements. Demolish existing buildings (approximately 6,225 SM) with asbestos and lead paint mitigation. Bracing and maintaining the historic facades of the adjacent buildings will be required. Comprehensive interior design and furniture related interior design service are requested. All exterior and interior finishes and signage will adhere to the USMA Installation Design Guides. Access for the handicapped will be provided. The first phase of this project will consist of temporary facilities and demolition of major portion of existing structure.</p>				
11. REQ:	41,342 m2	ADQT:	NONE	SUBSTD: 41,342 m2
<p><u>PROJECT:</u> Project is a multi-year project to revitalize, including partial replacement the Arvin Cadet Physical Development Center. (Current Mission)</p> <p><u>REQUIREMENT:</u> The Academy has a mission requirement to train future officers for the Army. A critical required element of this mission is the physical development of the Corps of Cadets (15 percent of a cadet's class standing is based on his/her physical program performance). The cadet physical development center is an indispensable facility necessary to accomplish this training mission. The project is required to correct three major categories of deficiencies in the existing facility: failure to meet codes, substandard conditions, and failure to adequately meet physical program requirements. The new and renovated facilities will allow compliance with fire and life safety codes, handicapped standards, and gender equity. The facility will be configured to allow cadets to accomplish the rigorous physical training requirements necessary for graduation and commissioning. The sections of the</p>				

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
United States Military Academy, New York		
4. PROJECT TITLE		5. PROJECT NUMBER
Cadet Physical Development Center		47591
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>cadet physical development center that are not involved with phase one will remain open.</p> <p><u>CURRENT SITUATION:</u> This facility provides swimming, court sports, multi-purpose and combatant facilities for training, rehabilitation therapy, and athletic competition. Existing facility is a multi-level layout of six interconnected structures which were constructed at different times over a 65 year period and are in a deteriorated condition. The facility lacks proper life safety, health, and handicap accessibility features. The building has inadequate fire protection systems. HVAC systems are improperly sized and are non-functional. Electrical and lighting systems do not meet current codes. Locker rooms contain various sanitation and health hazards. The facility lacks adequate latrines and elevators. Existing locker rooms do not meet gender equity requirements. Buildings do not meet the seismic requirements. The size and efficiency of the existing buildings are inadequate in providing the physical education space required for the physical training of cadets. Between the hours of 1530 and 1830 the cadets are the only users of the facility as they participate in mandatory physical training. In winter months, every space in the facility is in use to include hallways and entry ways and there are still some cadet physical activities for which there is no space to train. During this period, other indoor cadet physical development locations (Hollerder Center and Gillis Field House) are also completely utilized for cadet physical training. The Cadet Physical Development Center is the focal point for the cadets four year, required physical activity/fitness program.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the Arvin Cadet Physical Development Center will continue to operate in an inefficient, poorly configured and hazardous condition. The facility will continue to fail to meet acceptable life safety, gender equity and handicapped accessibility standards. A high backlog of maintenance and repair costs will continue and adversely impact the operation of the facility. This inefficient facility will continue to only minimally provide for the required physical training of cadets.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	MAY 1997	
(b) Parametric Cost Estimating Used to Develop Costs	NO	
(c) Percent Complete As Of January 1998.....	35	

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
United States Military Academy, New York		
4. PROJECT TITLE	5. PROJECT NUMBER	
Cadet Physical Development Center	47591	
12. SUPPLEMENTAL DATA: (Continued)		
A. Estimated Design Data: (Continued)		
(d) Date 35% Designed.....	JAN 1998	
(e) Date Design Complete.....	JUN 1998	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) N		
(b) Where Design Was Most Recently Used		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....	2,400	
(b) All Other Design Costs.....	1,200	
(c) Total Design Cost.....	3,600	
(d) Contract.....	2,800	
(e) In-house.....	800	
(4) Construction Start.....	NOV 1998	
	month & year	
Installation Engineer: COL Michael F. Colacicco		
Phone Number: 914-938-3415		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
North Carolina		Fort Bragg (FORSCOM)				91
	40630	Whole Barracks Complex Renewal	54,000	54,000	C	93
	43313	Deployment Staging Complex	31,000	31,000	C	96
		Subtotal Fort Bragg PART I	\$ 85,000	85,000		
		* TOTAL MCA FOR North Carolina	\$ 85,000	85,000		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Bragg North Carolina	4. COMMAND US Army Forces Command		5. AREA CONSTRUCTION COST INDEX 0.90

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	5204	34424	4624	383	1683	0	363	660	4836	52,177
B. END FY 2003	5226	34901	4701	334	1882	0	357	618	4913	52,932

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	23,307 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	831,040
C. AUTHORIZATION NOT YET IN INVENTORY.....	280,722
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	0
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	85,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	162,112
H. GRAND TOTAL.....	1,358,874

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM: NONE	
--	--

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
141	Deployment Staging Complex	31,000
721	Whole Barracks Complex Renewal	54,000
TOTAL		85,000
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
Support and training of an Airborne Division and non-divisional support units; support to US Army Special Operations Command, including 1st US Army Special Operations Command, and the USA John F. Kennedy Special Warfare Center & School; XVIII Corps Headquarters and miscellaneous other tenant activities.	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY.	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
<div style="display: flex; justify-content: space-between;"> INSTALLATION AND LOCATION: Fort Bragg North Carolina </div>		
<p>REMARKS :</p> <p>The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$788,125 K, based on the Installation Status Report information on conditions as of October 1996.</p>		

1. COMPONENT ARMY		FY 1999		MILITARY CONSTRUCTION PROJECT DATA		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina				4. PROJECT TITLE Whole Barracks Complex Renewal			
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 721		7. PROJECT NUMBER 40630		8. PROJECT COST (\$000) Auth 54,000 Approp 54,000	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							39,627
Barracks				m2	9,623	1,227	(11,809)
Soldier Community Building				m2	1,618	1,227	(1,986)
Company Operations Building				m2	12,661	1,206	(15,263)
Dining Facility				m2	1,847	1,830	(3,379)
Gen Purpose Whse				m2	9,807	589.82	(5,784)
Total from Continuation page							(1,406)
<u>SUPPORTING FACILITIES</u>							8,469
Electric Service				LS	--	--	(330)
Water, Sewer, Gas				LS	--	--	(359)
Steam And/Or Chilled Water Distr				LS	--	--	(1,069)
Paving, Walks, Curbs And Gutters				LS	--	--	(1,360)
Storm Drainage				LS	--	--	(355)
Site Imp(2,093) Demo(1,412)				LS	--	--	(3,505)
Information Systems				LS	--	--	(1,491)
ESTIMATED CONTRACT COST							48,096
CONTINGENCY PERCENT (5.00%)							2,405
SUBTOTAL							50,501
SUPERVISION, INSPECTION & OVERHEAD (6.00%)							3,030
TOTAL REQUEST							53,531
TOTAL REQUEST (ROUNDED)							54,000
INSTALLED EQT-OTHER APPROPRIATIONS							()
10. Description of Proposed Construction Construct a standard-design whole barracks renewal complex. Barracks include living/sleeping rooms, semi-private baths, walk-in closets, and storage. Project includes a soldier community building, company operations facilities, dining facility, and recreation areas. Construct company operations facilities and battalion headquarters. Construct a general purpose warehouse to replace facilities within the footprint of this project. Connect energy monitoring and control systems (EMCS). Install intrusion detection systems (IDS) and automatic building sprinklers. Supporting facilities include utilities; electric service; steam and chilled water distribution; fire protection and alarm systems; paving, walks, curbs, and gutters; parking and road improvements; storm drainage; erosion control measures; removal of underground fuel tanks; information systems; and site improvements with asbestos removal and lead base paint remediation. Access for the handicapped will be provided. Heating (gas-fired) and air conditioning (920 tons) will be provided. Demolish seven buildings (31,539 SM) within the footprint. Comprehensive interior design services is required.							
11. REQ: 12,824 PN ADQT: 5,790 PN SUBSTD: 7,034 PN							
PROJECT: Construct barracks, dining facility, soldier community building,							

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Bragg, North Carolina					
4. PROJECT TITLE Whole Barracks Complex Renewal				5. PROJECT NUMBER 40630	
9. COST ESTIMATES (CONTINUED)					
<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>	
PRIMARY FACILITY (CONTINUED)					
EMCS Connection	LS	--	--	(350)	
IDS Installation	LS	--	--	(20)	
Building Information Systems	LS	--	--	(1,036)	
Total				1,406	
PROJECT: (CONTINUED)					
battalion headquarters and company operations facilities to meet the Whole Barracks Renewal Program Standard. (Current Mission)					
REQUIREMENT: This project is required to provide housing and administrative support facilities for single soldiers in the 82d Airborne Division that comply with current Army standards for space, security, storage, and privacy. It improves parking, recreation areas, training areas, work areas, and dining. Maximum utilization is 332 persons. Total intended utilization is 264 E1-E4, 34 E5-E6.					
CURRENT SITUATION: Barracks for the 82d Airborne Division were constructed in 1955. The aging infrastructure has decayed and there is evidence of reinforcement bar problems in some of the concrete structure, and water infiltration in the concrete slabs. DPWE performed temporary repairs to the structural floors, however the buildings are still in a failing condition. Soldiers live in cramped conditions. Typically, two soldiers live in an area not more than 172 net square feet which is far less than the 11 m2 per person authorized in the new standard. They also must use gang latrines and showers. Company operations are in the barracks, next to the sleeping/living areas. Administrative space is carved from limited barracks space and mess halls to create makeshift companies. The company areas are inadequate and undersized to complete their mission.					
IMPACT IF NOT PROVIDED: If this project is not provided, the soldier's barracks and administrative facilities conditions will remain unsatisfactory. The 40 year old facilities will deteriorate and the installation will waste money repairing facilities that are not feasible to renovate. Soldiers will live in poorly planned and undersized barracks that are detrimental to morale and retention of soldiers. Also, command and control is adversely affected by the current site layout with respect to location of barracks, administration, recreation, and training facilities.					
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this					

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. PROJECT TITLE Deployment Staging Complex		
5. PROGRAM ELEMENT 22696A	6. CATEGORY CODE 141	7. PROJECT NUMBER 43313	8. PROJECT COST (\$000) Auth 31,000 Approp 31,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY					22,462
Troop Passenger/Air Terminal		m2	8,998	850.24	(7,651)
Sentry Building		m2	23.41	3,728	(87)
Air Transport Mock-Up		EA	4	21,408	(86)
Canteen/Break Area/Latrine		m2	185.81	737.85	(137)
Deployment Storage Building		m2	232.26	613.64	(143)
Total from Continuation page					(14,358)
SUPPORTING FACILITIES					5,824
Electric Service		LS	--	--	(1,359)
Water, Sewer, Gas		LS	--	--	(827)
Paving, Walks, Curbs And Gutters		LS	--	--	(584)
Storm Drainage		LS	--	--	(622)
Site Imp(1,708) Demo(373)		LS	--	--	(2,080)
Information Systems		LS	--	--	(352)
ESTIMATED CONTRACT COST					28,286
CONTINGENCY PERCENT (5.00%)					1,414
SUBTOTAL					29,700
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					1,782
TOTAL REQUEST					31,482
TOTAL REQUEST (ROUNDED)					31,000
INSTALLED EQT-OTHER APPROPRIATIONS					()
10. Description of Proposed Construction Construct a new arrival/departure airfield control group (A/DACG) staging complex. Project includes hardstand, alert holding area, call forward area, ready line area, and multi-purpose cargo holding area to support frustrated cargo, overflow cargo for multiple deployments, diverted and inbound cargo, and equipment parking. Construct two 1,000-man sheltered troop passenger buildings; weight in-motion and coal yard scales (100 ton capacity); covered highliners with rollers for handling palletized equipment and supplies; aircraft jump prep mock-ups and parachute landing fall (PLF) platforms with covered shelters; loading dock with ramp; cargo checkpoint facility; canteen, break area, and latrine facility; deployment storage building; parachute issue facility; and A/DACG/Deployment Control Center (DCC) facility. Construct a sensitive compartmented information facility (SCIF) communications center. Other primary facilities include the air movement instructional building; aircraft engine test facility; C-130 HULK instructional building; storage and supply building; air transport loading trainers; and sentry station. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; security lighting and fencing; information systems; erosion control protection; and site improvements with asbestos					

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Bragg, North Carolina		
4. PROJECT TITLE Deployment Staging Complex	5. PROJECT NUMBER 43313	

9. COST ESTIMATES (CONTINUED)

<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>				
Loading Dock	EA	1	12,346	(12)
Hardstand	m2	141,077	42.09	(5,938)
Check Point Facility	m2	507.25	1,179	(598)
Covered Highliner Docks w/Roller	m2	2,809	600.41	(1,687)
Mock-Up Shelter	m2	7,971	260.06	(2,073)
Vehicle Scales	EA	4	46,298	(185)
DCC/DACG Operations Building	m2	929.03	1,384	(1,286)
Storage/Supply Building	m2	557.42	563.49	(314)
C-130 HULK Instruction Bldg.	m2	394.84	510.53	(202)
Air Transport Load Trainer	EA	2	101,490	(203)
Aircraft Engine Test Stand	m2	74.32	1,643	(122)
General Instructional Building	m2	421.50	746.59	(315)
Parachute Issue/Storage Facility	m2	1,115	518.28	(578)
Communications Center	m2	146.32	2,068	(303)
Spec. Compartmented Information	m2	146.32	1,883	(275)
Renovate Communication Center	m2	92.90	465.12	(43)
Parachute Landing Fall Platform	EA	4	12,297	(49)
Building Information Systems	LS	--	--	(175)
			Total	14,358

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

removal. Heating will be provided by self-contained oil-fired boilers. Air conditioning: 50 tons. Dud clearance is required. Demolish 13 buildings (50,863 SF).

11. REQ: 1 EA ADQT: NONE SUBSTD: 1 EA

PROJECT: Construct a A/DACG staging complex adjacent to Green Ramp at Pope Air Force Base (AFB), North Carolina. (Current Mission)

REQUIREMENT: This project is required to complete a new outload support facility to meet the most likely scenarios set forth by the Joint Deployment Study Group (JDSG). It is the second of two projects to support requirements of a A/DACG staging complex. The initial project was funded in the FY 96 Program. A completed A/DACG staging complex is the first phase of a four phase plan to build an outload complex that can support XVIII Airborne Corps and Fort Bragg's requirements. Phase 2 is a heavy drop rigging facility, phase 3 is an ammunition holding area, and phase 4 is a petroleum, oils and lubricants (POL) storage complex (aviation fuel). This staging complex is essential to enhance Fort Bragg's readiness posture and ensure a smooth and rapid deployment. Efficiency and speed with which personnel can deploy, and equipment and supplies can be prepared, rigged, and transported are critical

1. COMPONENT		2. DATE
ARMY		31 JAN 1997
FY 1999 MILITARY CONSTRUCTION PROJECT DATA		
3. INSTALLATION AND LOCATION		
Fort Bragg, North Carolina		
4. PROJECT TITLE	5. PROJECT NUMBER	
Deployment Staging Complex	43313	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>for quick response to worldwide crisis missions. This project is part of a major cooperative effort by the Army and the Air Force for Fort Bragg and Pope AFB to be the Army's leading Power Projection Platform, capable of launching and supporting strategic forces in contingency operations anywhere in the world. Because this complex must be located adjacent to Green Ramp to upload the cargo and personnel on to the aircraft, several Army and Air Force activities must be relocated as part of this project and existing temporary facilities demolished. Explosive safety distance requirements for munitions requires an extensive amount of hardstand to connect the outload areas for vehicle and equipment traffic.</p> <p><u>CURRENT SITUATION:</u> As a result of recent emergency deployment readiness exercises (EDREs) and actual deployments to Grenada, Panama, South West Asia, and Haiti, many basic deficiencies have been identified. Operational deficiencies result in unacceptable time delays. Facility deficiencies also greatly affect mission accomplishment. The temporary uncovered storage and sequencing of palletized equipment and supplies, and insufficient hardstand associated with weighing actions contribute to congestion and confusion at Green Ramp during deployment exercises. Facility locations and orientations induce potential conflicts between pedestrian and equipment flow.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the accomplishment of divisional and nondivisional airborne deployment missions in conjunction with the 23 Wing and Special Operations Command (SOCOM) deployments will continue to be hindered. The timely realization of the transport of equipment, supplies, and troop personnel cannot be effectively and efficiently attained with the current assets.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	AUG 1996	
(b) Parametric Cost Estimating Used to Develop Costs	NO	
(c) Percent Complete As Of January 1998.....	100	
(d) Date 35% Designed.....	JAN 1997	
(e) Date Design Complete.....	SEP 1997	
(2) Basis:		

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Bragg, North Carolina		
4. PROJECT TITLE Deployment Staging Complex		5. PROJECT NUMBER 43313
12. SUPPLEMENTAL DATA: (Continued) A. Estimated Design Data: (Continued) (a) Standard or Definitive Design - (YES/NO) N (b) Where Design Was Most Recently Used (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) (a) Production of Plans and Specifications..... 960 (b) All Other Design Costs..... 840 (c) Total Design Cost..... 1,800 (d) Contract..... 1,260 (e) In-house..... 540 (4) Construction Start..... DEC 1998 month & year		
Installation Engineer: COL James R. Hougnon Phone Number: 910 396-4009		

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
Oklahoma		McAlester Army Ammunition Plant (AMC)				103
	2906	Ammunition Containerization Complex	10,400	10,400	C	105
		Subtotal McAlester Army Ammunition Plant PART I\$	10,400	10,400		
		Fort Sill (TRADOC)				109
	3279	Tactical Equipment Shop Ph I	14,200	14,200		111
	35244	Whole Barracks Complex Renewal	25,000	25,000	N	114
		Subtotal Fort Sill PART I	\$ 39,200	39,200		
		* TOTAL MCA FOR Oklahoma	\$ 49,600	49,600		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION McAlester Army Ammunition Plant Oklahoma	4. COMMAND US Army Materiel Command	5. AREA CONSTRUCTION COST INDEX 0.90

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	1	2	932	0	0	0	3	2	492	1,432
B. END FY 2003	1	1	1165	0	0	0	1	1	488	1,657

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	18,196 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	126,961
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	0
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	10,400
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	12,666
H. GRAND TOTAL.....	150,027

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM: NONE

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
149	Ammunition Containerization Complex	10,400
TOTAL		10,400
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

MCAAP acts as a principal storage facility for war reserve ammunition, the production of conventional ammunition, and the LAP of conventional ammunition. McAlester Army Ammunition Plant (MCAAP) is a government owned and government operated plant which is jointly staffed by military from the Army, Navy, Air Force, Marine Corps and a mixture of civilian and contractor personnel. It is the second largest Army depot of its kind in the Department of Defense. It has six production facilities producing conventional ammunition, and also stores explosive and inert materials in its storage magazines and warehouse area.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY.	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
INSTALLATION AND LOCATION: McAlester Army Ammunition Plant Oklahoma		
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$60,136 K, based on the Installation Status Report information on conditions as of October 1996.		

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION McAlester Army Ammunition Plant Oklahoma				4. PROJECT TITLE Ammunition Containerization Complex		
5. PROGRAM ELEMENT 72896A		6. CATEGORY CODE 149	7. PROJECT NUMBER 2906	8. PROJECT COST (\$000) Auth 10,400 Approp 10,400		
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	. COST (\$000)	
<u>PRIMARY FACILITY</u>					7,718	
Maintenance Yard		LS	--	--	(1,385)	
Transfer Yard		LS	--	--	(2,339)	
RR Staging Yard		LS	--	--	(3,486)	
Battery Charging Station		LS	--	--	(476)	
Building Information Systems		LS	--	--	(32)	
<u>SUPPORTING FACILITIES</u>					1,546	
Electric Service		LS	--	--	(90)	
Water, Sewer, Gas		LS	--	--	(211)	
Paving, Walks, Curbs And Gutters		LS	--	--	(426)	
Storm Drainage		LS	--	--	(67)	
Site Imp(561) Demo()		LS	--	--	(561)	
Information Systems		LS	--	--	(180)	
Archeology		LS	--	--	(11)	
ESTIMATED CONTRACT COST					9,264	
CONTINGENCY PERCENT (5.00%)					463	
SUBTOTAL					9,727	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					584	
TOTAL REQUEST					10,311	
TOTAL REQUEST (ROUNDED)					10,400	
INSTALLED EQT-OTHER APPROPRIATIONS					()	
10. Description of Proposed Construction Construct an ammunition containerization complex. Project includes a container maintenance yard with container maintenance building, container receiving, inspection and holding yard with heavy-duty surface for operation of container handling equipment, access road, an information management system; a container transfer yard with storage areas for empty containers and container transport chassis, an access road linking the yard to depot haul routes, parallel rail sidings, and a heavy-duty access road and work surface for container handling equipment to transfer loaded containers from chassis to rail cars or commercial trucks for shipment; a loaded rail car staging yard with multiple parallel sidings and enclosed by a security fence; and a central battery charging facility. Supporting facilities include utilities, exterior lighting at all major sites for 24-hour operations and security, special ventilation for welding and painting areas of the maintenance building, parking, storm drainage, information systems, and site improvements. Heating and air conditioning (2 tons) of the maintenance building will be provided by self-contained units.						
11. REQ:		3 EA ADQT:		NONE		SUBSTD: 2 EA
PROJECT: Construct an ammunition containerization complex. (Current Mission)						

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
McAlester Army Ammunition Plant, Oklahoma		
4. PROJECT TITLE	5. PROJECT NUMBER	
Ammunition Containerization Complex	2906	
<p><u>REQUIREMENT:</u> This project provides an ammunition containerization complex with container transfer and staging areas, container maintenance (repair) facility, and container storage areas, all with rail and road access. Construction of this project will raise the total capability at this installation to ship loaded ammunition containers to 400 containers/day. The ability to quickly respond to a Major Regional Conflict requires early availability of empty shipping containers and the ability to handle, stuff, and ship ammunition in containers from this installation to Atlantic or Pacific outports for surface transportation in support of Rapid Deployment Forces.</p> <p><u>CURRENT SITUATION:</u> Under ASMP, this installation is assigned a shipping requirement of 400 containers (standard 8'x 8'x 20' commercial or military-owned demountable containers (MILVAN) weather tight steel containers) per day. Historically, outgoing shipment have generally been bulk shipments, with palletized munitions loaded, blocked and braced into trucks or railcars for subsequent unloading and reloading into other transportation modes (aircraft or ships) for further overseas shipment. Existing facilities were designed and configured for such break-bulk operations. To improve operational efficiency the Army has decided to convert from the labor-intensive and time consuming multiple handling of bulk shipments, to the expedited through-put of depot-packed shipping containers which receive only minimal handling before issue to the user. Containers can be transported to individual ammunition storage igloos or magazines on container chassis or rail flatcars for loading, or munitions can be transported by railcar to existing facilities for stuffing into containers. Existing facilities for empty containers are inadequate for repair of damaged containers and to meet the daily handling requirements (400 containers incoming to unload, 400 to dispatch for packing) and storage requirements (1,200-2,000 containers). Existing facilities for transferring loaded containers from depot transporters to commercial transport for off-post movement limit access to only a few vehicles at a time, and must frequently stand idle while carriers move out loaded cars and provide more empty cars. McAlester AAP also lacks rail space where loaded cars can be linked and staged to make-up the two one-mile-long trains that represent the approximate daily shipment under ASMP.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, this installation will not be able to increase and sustain ammunition shipping operations consistent with ASMP requirements for a TIER 1 facility. Delays in delivery of ammunition could delay departure of elements of the Rapid Deployment Force, or leave deployed elements critically short of ammunition if sustainment stocks do not arrive in the theater as planned.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions</p>		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Sill Oklahoma	4. COMMAND US Army Training and Doctrine Command		5. AREA CONSTRUCTION COST INDEX 0.92

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	1257	9731	1857	559	4750	0	67	738	3634	22,593
B. END FY 2003	1230	9650	2227	520	5174	1	70	760	3613	23,245

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	38,129 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	401,203
C. AUTHORIZATION NOT YET IN INVENTORY.....	83,323
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	0
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	39,200
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	118,352
H. GRAND TOTAL.....	642,078

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM: NONE

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
214	Tactical Equipment Shop	14,200
721	Whole Barracks Complex Renewal	25,000
TOTAL		39,200
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

Support and training of artillery and missile units, operation of the US Army Field Artillery Center and School, US Army Reception Center and provides support for tenant activities and Reserve Components summer training.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY.	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
<div style="display: flex; justify-content: space-between;"> INSTALLATION AND LOCATION: Fort Sill Oklahoma </div>		
<p>REMARKS :</p> <p>The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$857,164 K, based on the Installation Status Report information on conditions as of October 1996.</p>		

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Sill Oklahoma			4. PROJECT TITLE Tactical Equipment Shop Ph I		
5. PROGRAM ELEMENT 22696A	6. CATEGORY CODE 214	7. PROJECT NUMBER 3279	8. PROJECT COST (\$000) Auth 14,200 Approp 14,200		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY					10,336
Vehicle Maint. Shops, Org (2 EA)		m2	5,658	1,011	(5,721)
Pump Stations, (2 EA)		EA	2	76,623	(153)
Fuel Storage Facility		L	75,708	1.05	(79)
Gas Station Building (2 EA)		m2	22.30	1,431	(32)
Oil Storage Buildings (2 EA)		m2	78.04	659.60	(51)
Total from Continuation page					(4,300)
SUPPORTING FACILITIES					2,492
Electric Service		LS	--	--	(397)
Water, Sewer, Gas		LS	--	--	(531)
Paving, Walks, Curbs And Gutters		LS	--	--	(733)
Site Imp(675) Demo()		LS	--	--	(675)
Information Systems		LS	--	--	(156)
ESTIMATED CONTRACT COST					12,828
CONTINGENCY PERCENT (5.00%)					641
SUBTOTAL					13,469
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					808
TOTAL REQUEST					14,277
TOTAL REQUEST (ROUNDED)					14,200
INSTALLED EQT-OTHER APPROPRIATIONS					()
10. Description of Proposed Construction Construct two standard-design tactical equipment shops. Project includes aboveground vaulted storage tanks for fuel and oil storage, vehicle shops, gas and pump stations, scheduled maintenance bays, hardstands, organizational parking, sentry station, and deployment equipment storage. Connect to energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service, exterior and security lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; oil and water separator; security fencing and gates; information systems; and site improvements. Heating (gas-fired) and air conditioning (50 tons) will be provided by self-contained systems.					
11. REQ: 40,678 m2 ADQT: 21,871 m2 SUBSTD: 21,437 m2					
PROJECT: Construct two standard-design tactical equipment shops. (Current Mission)					
REQUIREMENT: This project is required to provide permanent maintenance facilities for two Multiple Launch Rocket System (MLRS) Battalions which are now fully equipped and operational. These maintenance facilities are needed to accomplish required maintenance and storage of organizational equipment necessary to maintain combat readiness.					

1. COMPONENT		2. DATE	
ARMY		31 JAN 1997	
FY 1999 MILITARY CONSTRUCTION PROJECT DATA			
3. INSTALLATION AND LOCATION			
Fort Sill, Oklahoma			
4. PROJECT TITLE		5. PROJECT NUMBER	
Tactical Equipment Shop Ph I		3279	
9. COST ESTIMATES (CONTINUED)			
<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit Cost (\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>			
Hardstand/Apron	m2	76,554	45.45 (3,479)
Deployment Equip. Storage (2 EA)	m2	1,301	574.47 (747)
EMCS Connection	LS	--	-- (65)
Building Information Systems	LS	--	-- (9)
Total			4,300
<p><u>CURRENT SITUATION:</u> Two MLRS Battalions are currently occupying inadequate facilities. The size and configuration of all existing maintenance facilities at Fort Sill will not support the full spectrum of maintenance on the larger MLRS equipment. The launcher and the Heavy Expanded Mobility Tactical Truck (HEMTT) will not fit in the maintenance bays. The assigned equipment will not fit in the hardstand area. The MLRS Battalions are being established by converting existing Lance Battalions. The conversion involves an increase in both equipment size, and quantity. The facilities currently occupied by these battalions will be retained for use by other 155mm Howitzer Battalions. These 155mm Battalions are currently in overcrowded conditions because they were built in the late 1950s and early 1960s for towed Howitzers and five ton trucks instead of the modern self-propelled Howitzers and larger HEMTT vehicles. The units were also increased from three batteries of six guns each (3x6) to three batteries of eight guns each (3x8). The overcrowded conditions reduce the quality of maintenance and make tool accountability and unit training difficult.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the two battalions will continue conducting maintenance in unsatisfactory, crowded conditions, resulting in poor maintenance, training, and unacceptable readiness rates. The MLRS Battalions will be forced to perform many maintenance functions outdoors because of the configuration of existing facilities.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.</p>			

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Sill, Oklahoma		
4. PROJECT TITLE Tactical Equipment Shop Ph I	5. PROJECT NUMBER 3279	

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	FEB 1993
(b) Parametric Cost Estimating Used to Develop Costs	NO
(c) Percent Complete As Of January 1998.....	50
(d) Date 35% Designed.....	SEP 1993
(e) Date Design Complete.....	JUN 1998

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y

(b) Where Design Was Most Recently Used
Fort Sill

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	800
(b) All Other Design Costs.....	400
(c) Total Design Cost.....	1,200
(d) Contract.....	
(e) In-house.....	1,200

(4) Construction Start..... FEB 1999
month & year

B. Equipment associated with this project which will be provided from other appropriations:

Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost <u>(\$000)</u>
NA			

Installation Engineer: COL Paul Nelson
 Phone Number: 405 442-3015

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Sill Oklahoma			4. PROJECT TITLE Whole Barracks Complex Renewal			
5. PROGRAM ELEMENT 85756A		6. CATEGORY CODE 721	7. PROJECT NUMBER 35244	8. PROJECT COST (\$000) Auth 25,000 Approp 25,000		
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					19,338	
Barracks		m2	8,348	1,281	(10,693)	
Soldier Community Building		m2	2,070	1,281	(2,652)	
EMCS Connection		LS	--	--	(35)	
IDS Installation		LS	--	--	(17)	
Barracks Addition		m2	4,174	1,281	(5,346)	
Building Information Systems		LS	--	--	(595)	
<u>SUPPORTING FACILITIES</u>					2,509	
Electric Service		LS	--	--	(750)	
Water, Sewer, Gas		LS	--	--	(350)	
Paving, Walks, Curbs And Gutters		LS	--	--	(646)	
Storm Drainage		LS	--	--	(78)	
Site Imp(685) Demo()		LS	--	--	(685)	
ESTIMATED CONTRACT COST					21,847	
CONTINGENCY PERCENT (6.00%)					<u>1,311</u>	
SUBTOTAL					23,158	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					<u>1,389</u>	
TOTAL REQUEST					24,547	
TOTAL REQUEST (ROUNDED)					25,000	
INSTALLED EQT-OTHER APPROPRIATIONS					()	
10. Description of Proposed Construction Construct standard-design barracks, soldier community building, and build three, 48-person modules additions to an existing barracks building. Work includes living/sleeping rooms, semi-private baths, walk-in closets, storage, arms rooms, and service areas. Install an intrusion detection system (IDS). Connect energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; access roads and parking; storm drainage; information systems; and site improvements. Access for the handicapped will be provided for the community building. Heating and air conditioning (555 tons) will be provided by self-contained systems with individual occupant controls. Comprehensive building and furnishings related interior design services are required.						
11. REQ: 3,187 PN ADQT: 964 PN SUBSTD: 2,223 PN PROJECT: Construct standard-design barracks with soldier community building, and build three modules additions to an existing barracks. (Current Mission) REQUIREMENT: This project is required to provide single soldier living spaces that meet current Army standards. Army revised barracks criteria provide larger rooms, semi-private baths, and relocates administrative and						

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997										
3. INSTALLATION AND LOCATION Fort Sill, Oklahoma												
4. PROJECT TITLE Whole Barracks Complex Renewal	5. PROJECT NUMBER 35244											
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>dining functions out of the barracks buildings. These replacement barracks projects will contribute to the health, welfare, and morale of the service members and will be a major inducement for soldier retention. Maximum and intended utilization is 432 soldiers.</p> <p><u>CURRENT SITUATION:</u> The existing 3-story masonry hammerhead designed barracks were built in 1954, with a minor remodeling completed in 1975. All systems have deteriorated; lighting and electrical outlets do not meet current Army standards; domestic hot water and heating systems are inefficient and antiquated. The overall maintenance needs of these buildings are excessive. Sleeping rooms are configured to house from one to three personnel (PN) per room at 90 SF/PN. Central gang style latrines are typical. Each barracks currently provides living quarters for 88 E1-E4, and six E5-E6 personnel with a maximum utilization of 100 soldiers. Administrative and dining facilities are located within the barracks buildings.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, soldiers will continue to live in substandard facilities. Major utility systems are failing, and costs of maintenance and repair will continue to escalate. Goals of the Army's Installation of Excellence Programs will not be met, directly affecting the soldiers' morale and leading to loss of quality support to the Army.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project. Parametric estimates have been used to develop project costs. During the past two years, \$11.3 million has been spent on RPM for unaccompanied enlisted personnel housing at Fort Sill. Upon completion of this project, the remaining permanent party requirement is 1,791 spaces at this installation.</p>												
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p style="margin-left: 20px;">A. Estimated Design Data:</p> <div style="margin-left: 40px;"> <p>(1) Status:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(a) Date Design Started.....</td> <td style="width: 20%; text-align: right;">JAN 1997</td> </tr> <tr> <td>(b) Parametric Cost Estimating Used to Develop Costs</td> <td style="text-align: right;">NO</td> </tr> <tr> <td>(c) Percent Complete As Of January 1998.....</td> <td style="text-align: right;">40</td> </tr> <tr> <td>(d) Date 35% Designed.....</td> <td style="text-align: right;">DEC 1997</td> </tr> <tr> <td>(e) Date Design Complete.....</td> <td style="text-align: right;">AUG 1998</td> </tr> </table> <p style="margin-top: 10px;">(2) Basis:</p> <p style="margin-left: 20px;">(a) Standard or Definitive Design - (YES/NO)</p> <p style="margin-left: 20px;">(b) Where Design Was Most Recently Used</p> </div>			(a) Date Design Started.....	JAN 1997	(b) Parametric Cost Estimating Used to Develop Costs	NO	(c) Percent Complete As Of January 1998.....	40	(d) Date 35% Designed.....	DEC 1997	(e) Date Design Complete.....	AUG 1998
(a) Date Design Started.....	JAN 1997											
(b) Parametric Cost Estimating Used to Develop Costs	NO											
(c) Percent Complete As Of January 1998.....	40											
(d) Date 35% Designed.....	DEC 1997											
(e) Date Design Complete.....	AUG 1998											

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Fort Sill, Oklahoma		
4. PROJECT TITLE		5. PROJECT NUMBER
Whole Barracks Complex Renewal		35244
12. <u>SUPPLEMENTAL DATA:</u> (Continued)		
A. Estimated Design Data: (Continued)		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):		(\$000)
(a) Production of Plans and Specifications.....		1,475
(b) All Other Design Costs.....		525
(c) Total Design Cost.....		2,000
(d) Contract.....		1,750
(e) In-house.....		250
(4) Construction Start.....		JAN 1999 month & year
B. Equipment associated with this project which will be provided from other appropriations:		
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated Cost <u>Or Requested</u> (\$000)
NA		
Installation Engineer: Paul R. Nelson, COL, GS Phone Number: 405 442-3015		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
	NUMBER	PROJECT TITLE				
South Carolina		Fort Jackson (TRADOC)				119
	21356	Emergency Services Center	5,600	5,600	C	121
		Subtotal Fort Jackson PART I	\$ 5,600	5,600		
		* TOTAL MCA FOR South Carolina	\$ 5,600	5,600		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Jackson South Carolina	4. COMMAND US Army Training and Doctrine Command		5. AREA CONSTRUCTION COST INDEX 0.84

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	600	2778	1734	222	10719	18	21	76	2153	18,321
B. END FY 2003	639	2914	1820	209	11616	14	43	95	2336	19,686

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	21,166 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	313,506
C. AUTHORIZATION NOT YET IN INVENTORY.....	48,887
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	0
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	5,600
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	26,889
H. GRAND TOTAL.....	394,882

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM: NONE

9. FUTURE PROJECTS:		COST
CATEGORY		(\$000)
CODE	PROJECT TITLE	
A. REQUESTED IN THE FY 1999 PROGRAM:		
730	Fire Station	5,600
TOTAL		5,600
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

To provide logistical support and facilities for a U.S. Army training center for enlisted personnel and a U.S. Army reception station. Support of summer reserve training and military entrance processing station. Also support of U.S. Army hospital (435) and TO&E/TDA STRAF units.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY.	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
<p>INSTALLATION AND LOCATION: Fort Jackson South Carolina</p>		
<p> </p>		
<p>REMARKS :</p> <p>The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$217,329 K, based on the Installation Status Report information on conditions as of October 1996.</p>		
<p> </p>		

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Jackson South Carolina				4. PROJECT TITLE Emergency Services Center		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 730	7. PROJECT NUMBER 21356		8. PROJECT COST (\$000) Auth 5,600 Approp 5,600	
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					3,862	
Military Police Station		m2	1,465	1,082	(1,585)	
Fire Station		m2	1,345	1,100	(1,479)	
Emerg. Med. Svcs.		m2	378.39	1,563	(591)	
Concrete Apron		m2	836.13	45.10	(38)	
Stand-By Generator		EA	1	8,811	(9)	
Total from Continuation page					(160)	
<u>SUPPORTING FACILITIES</u>					1,137	
Electric Service		LS	--	--	(101)	
Water, Sewer, & Gas		LS	--	--	(22)	
Steam And/Or Chilled Water Dist.		LS	--	--	(213)	
Paving, Walks, Curbs & Gutters		LS	--	--	(137)	
Storm Drainage		LS	--	--	(56)	
Site Imp(160) Demo(147)		LS	--	--	(307)	
Information Systems		LS	--	--	(301)	
ESTIMATED CONTRACT COST					4,999	
CONTINGENCY PERCENT (5.00%)					250	
SUBTOTAL					5,249	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					315	
TOTAL REQUEST					5,564	
TOTAL REQUEST (ROUNDED)					5,600	
INSTALLED EQT-OTHER APPROPRIATIONS					()	
10. Description of Proposed Construction Construct an Emergency Services Center to house a modified standard-design, five-stall, two-vehicle deep, drive-through, two-company headquarters fire station with Provost Marshal Division, and Emergency Medical Services (EMS). These services will be tied into an enhanced 911 phone system with a continuous power supply. Install an intrusion detection system (IDS). Connect to energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; aprons; fencing; paving, walks, steps, curbs and gutters; parking; storm drainage; emergency vehicle and caution signals; sheltered vehicle parking; vehicle access; information systems; and site improvements. Access for the handicapped will be provided. Heating and air conditioning (80 tons) will be provided by a central energy plant. Demolish six buildings (2,730 SM). Supporting facilities costs are high due to the standard use of communications fiber optic cable and the two traffic signals costs. Comprehensive interior furniture related design services are requested.						
11. REQ:		3,188 m2 ADQT:		NONE		SUBSTD: 3,109 m2
PROJECT: Construct an Emergency Services Center to house the Fort Jackson						

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE																														
ARMY		31 JAN 1997																														
3. INSTALLATION AND LOCATION																																
Fort Jackson, South Carolina																																
4. PROJECT TITLE	5. PROJECT NUMBER																															
Emergency Services Center	21356																															
<u>9. COST ESTIMATES (CONTINUED)</u> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 45%;"><u>Item</u></th> <th style="text-align: center; width: 10%;"><u>U/M</u></th> <th style="text-align: center; width: 10%;"><u>QTY</u></th> <th style="text-align: center; width: 15%;"><u>Unit COST</u></th> <th style="text-align: right; width: 20%;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="5"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td>EMCS</td> <td style="text-align: center;">LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(18)</td> </tr> <tr> <td>IDS Install.</td> <td style="text-align: center;">LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(11)</td> </tr> <tr> <td>Building Information Systems</td> <td style="text-align: center;">LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(131)</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: right;">Total</td> <td style="text-align: right;">160</td> </tr> </tbody> </table>			<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>	<u>PRIMARY FACILITY (CONTINUED)</u>					EMCS	LS	--	--	(18)	IDS Install.	LS	--	--	(11)	Building Information Systems	LS	--	--	(131)				Total	160
<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>																												
<u>PRIMARY FACILITY (CONTINUED)</u>																																
EMCS	LS	--	--	(18)																												
IDS Install.	LS	--	--	(11)																												
Building Information Systems	LS	--	--	(131)																												
			Total	160																												
<u>PROJECT: (CONTINUED)</u> Fire Prevention and Protection Headquarters, Provost Marshal Division, and Emergency Medical Service (EMS) Operations. (Current Mission) <u>REQUIREMENT:</u> This project is required to provide a centrally located facility to house the fire station, Provost Marshal Division, and EMS. These functions provide service to all accompanied and unaccompanied personnel housing facilities, three dependent elementary schools, a 400-bed hospital, basic trainee and advanced individual training (AIT) barracks which include temporary wood barracks used by reserve units, a Soldier Support Institute, Chaplain School, ranges, miscellaneous community facilities, and a cantonment area comprised of various administration, support, and supply facilities. The fire station will also provide fire extinguisher replacement and maintenance and fire safety instruction for the entire installation. Fire fighting equipment (10 vehicles) will be housed in five each, drive through, two vehicle deep stalls. Emergency medical services equipment (5 vehicles) will be housed in a five vehicle parking shelter. <u>CURRENT SITUATION:</u> The existing fire station is located only 1,300 feet from the new Southeastern Beltway (Interstate 77) interchange which offers access to Fort Jackson. Construction of I-77 has made the Imboden Street entrance the primary post access gate and has greatly increased traffic on the road immediately in front of the fire station. Due to the poor location of the present fire station on congested Imboden Street, emergency response times often fail to meet the compliance criteria. The potential for traffic accidents is elevated when emergency vehicles must depart from the existing fire station. This is the only ingress and egress point for the existing fire station. Delay of vehicle entrance onto the road due to heavy traffic of even a few seconds, could cause losses of both lives and property. The present fire station has had numerous additions to it over the years and the result is a haphazard, inefficient layout. The building is an uninsulated wood-frame structure and incurs high maintenance and utility costs. A wood-frame substation is also in use. The Provost Marshal Division is located in four, two-story, World War II vintage wood buildings. This division is isolated from the other emergency services on-post. The building's physical conditions have deteriorated over the years therefore demanding a large amount of maintenance. Heating and cooling costs are very high due to the dilapidated and																																

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Fort Jackson, South Carolina		
4. PROJECT TITLE	5. PROJECT NUMBER	
Emergency Services Center	21356	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>deteriorated condition of these buildings. The EMS is presently located at the crowded post hospital where it is isolated from other emergency services. The current 911 system operators must quickly decide which emergency service is required by individual callers. In the confusion of emergency situations, the misdirection of calls to the incorrect service agency is common. By locating all emergency services activities in one facility with complete support capability and an enhanced 911 system, misdirected 911 calls can be greatly reduced.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, emergency response times will often fail to meet compliance criteria. Traffic on Imboden Street will be endangered due to the entrance of fire equipment onto it. The potential for extreme hazard to human life and great monetary loss due to severe fires and emergencies will remain high because of this poor location. Emergency services will continue operations in their present inefficient and potentially life threatening manner because of their separate locations and inadequate facilities. It will be necessary to continue routing calls to the different service areas, causing delays and duplication of manpower expenditures. The use of the inadequate World War II vintage temporary wood structures will continue. Exposure of emergency vehicles and equipment to the environment will continue to increase maintenance costs. Also, the Fort Jackson Fire Department will be without adequate space for sleeping, dining, training, and fire extinguisher maintenance. The Provost Marshal Office is inadequate for present operations due to poor functional design and deteriorated facility conditions. Lack of holding cells for prisoners is a major problem. Excessive humidity damages intrusion detection equipment, other electronic equipment, and weapons. The current EMS operation at the heavily used and congested hospital would continue thereby hampering their response time. The ultimate goal of obtaining the highest quality of life for the military and civilian personnel who must live and work here cannot be achieved with the current state of operations remaining.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.</p>		

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Fort Jackson, South Carolina		
4. PROJECT TITLE	5. PROJECT NUMBER	
Emergency Services Center	21356	
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	JAN 1997	
(b) Parametric Cost Estimating Used to Develop Costs.....	NO	
(c) Percent Complete As Of January 1998.....	40	
(d) Date 35% Designed.....	DEC 1997	
(e) Date Design Complete.....	JUN 1998	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) Y		
(b) Where Design Was Most Recently Used		
USACE		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....	300	
(b) All Other Design Costs.....	200	
(c) Total Design Cost.....	500	
(d) Contract.....	350	
(e) In-house.....	150	
(4) Construction Start..... MAR 1999		
month & year		
B. Equipment associated with this project which will be provided from other appropriations:		
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Cost Or Requested (\$000)
NA		
Installation Engineer: LTC Kevin Wall Phone Number: 803 751-7815		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Texas		Fort Hood (FORSCOM)				127
	19528	Railhead Facility	33,000	33,000	C	129
		Subtotal Fort Hood PART I	\$ 33,000	33,000		
		Fort Sam Houston (FORSCOM)				133
	48133	Whole Barracks Complex Renewal	24,000	24,000	C	135
		Subtotal Fort Sam Houston PART I	\$ 24,000	24,000		
		* TOTAL MCA FOR Texas	\$ 57,000	57,000		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Hood Texas	4. COMMAND US Army Forces Command		5. AREA CONSTRUCTION COST INDEX 0.90

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	4391	36976	3549	0	346	0	70	303	2909	48,544
B. END FY 2003	4442	37442	3479	0	323	0	70	304	2969	49,029

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	88,023 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	960,506
C. AUTHORIZATION NOT YET IN INVENTORY.....	194,800
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	0
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	33,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	102,193
H. GRAND TOTAL.....	1,290,499

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM: NONE

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
860	Railhead Facility	33,000
TOTAL		33,000
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

Support and training of III Corps Headquarters and organizations assigned to III Corps, including 1st CAV Division. Ensure the most efficient utilization of resources to operate Fort Hood and accomplish all assigned missions. Ensure Fort Hood is prepared for mobilization.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY.	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
<div>INSTALLATION AND LOCATION: Fort Hood</div> <div>Texas</div>		
<p>REMARKS :</p> <p>The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$759,289 K, based on the Installation Status Report information on conditions as of October 1996.</p>		

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Hood Texas			4. PROJECT TITLE Railhead Facility		
5. PROGRAM ELEMENT 22696A	6. CATEGORY CODE 860	7. PROJECT NUMBER 19528	8. PROJECT COST (\$000) Auth 33,000 Approp 33,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					25,038
Loading Spurs (12ea)		m	7,681	666.83	(5,122)
Sort & Class Trk		m	7,620	666.83	(5,081)
Rail to BN&SF		m	1,585	666.83	(1,057)
Track Lighting		m	6,668	169.00	(1,127)
Latrine		LS	--	--	(38)
Total from Continuation page					(12,613)
<u>SUPPORTING FACILITIES</u>					4,172
Electric Service		LS	--	--	(433)
Water, Sewer, Gas		LS	--	--	(311)
Paving, Walks, Curbs And Gutters		LS	--	--	(524)
Storm Drainage		LS	--	--	(145)
Site Imp(2,236) Demo()		LS	--	--	(2,236)
Information Systems		LS	--	--	(293)
Lighting & Signals RR		LS	--	--	(230)
ESTIMATED CONTRACT COST					29,210
CONTINGENCY PERCENT (5.00%)					1,461
SUBTOTAL					30,671
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					1,840
TOTAL REQUEST					32,511
TOTAL REQUEST (ROUNDED)					33,000
INSTALLED EQT-OTHER APPROPRIATIONS					()
10. Description of Proposed Construction Construct railhead facilities. Project includes 12 railroad loading spurs with drive-on end ramps; trailer on flat car (TOFC) and container on flat car dock; floodlighting; nine rail car sorting and classification tracks, three for TOFC and gondolas and six tracks for 40 various size cars on each track; latrine facility; engine maintenance facility with refueling station and sand dispensing system; warehouse for deployment storage; instruction building; staging area hardstand; vehicle wash facility for final cleaning prior to loading onto rail carriers; tactical vehicle scales (110 ton capacity); rail operations facility with latrine; wye to turn a string of 50 railcars; ammunition upload area for loading combat loads of ammunition prior to shipment; associated switches; and connecting link to existing Burlington Northern & Santa Fe (BN&SF) rail system. Spurs shall be of sufficient length to hold 20 each 89-foot (2,100 feet) railroad cars and should be a minimum of 50 feet apart from center of track to center of track to allow maintenance and support vehicles passage between spurs. Provide six side ramps to facilitate the handling of materials in boxcars. Supporting facilities include utilities, lighting for ramps and staging area, storm drainage, paving, hardstand and electrical power.					

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE		
ARMY		31 JAN 1997		
3. INSTALLATION AND LOCATION				
Fort Hood, Texas				
4. PROJECT TITLE		5. PROJECT NUMBER		
Railhead Facility		19528		
9. COST ESTIMATES (CONTINUED)				
<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>				
Hardstand MSC Load	m2	79,432	77.01	(6,117)
Track Switches	EA	10	32,193	(322)
Signals	LS	--	--	(50)
Locomotive Maint Fac	m2	789.68	1,102	(870)
Deployment Storage Building	m2	2,044	663.92	(1,357)
Vehicle Wash Fac	EA	1	200,000	(200)
Wye (50car Cap)	m	1,067	600.39	(641)
Lead Track	m	1,219	666.83	(813)
Veh Scale (110 ton)	EA	1	142,317	(142)
Rail Ops Center	m2	353.03	1,348	(476)
Ammo Upload Ares	m2	15,552	77.01	(1,198)
DRRF Admin Fac	m2	278.71	1,023	(285)
Building Information Systems	LS	--	--	(142)
			Total	12,613
11. REQ: 26,975 m ADQT: NONE SUBSTD: 14,021 m				
PROJECT: Construct a rail loading facility in support of the Army mobilization and deployment mission. (Current Mission)				
REQUIREMENT: The Army's mobility challenge is to deploy two heavy divisions within the theater of operations by C+30 (Days). This project is required to provide adequate rail loading capability for Fort Hood's deployment mobilization mission of providing one of those two heavy divisions. In order to meet this challenge Fort Hood must move a complete Brigade Combat Teams (BCT) array of equipment to port by C+4. A second BCT must be ready to load at port by C+6 and the third by C+8. A railhead operation capable of a 360 rail car loading cycle per day is the minimum requirement to meet this deployment mission.				
CURRENT SITUATION: Project provides rail system to augment the existing railhead resulting in a split operation of four miles. The existing railhead is located in a very congested area of the main cantonment. The size of this area is insufficient to accommodate staging operations prior to loading. Units are required to drive vehicles through the center of the main cantonment creating traffic congestion and unsafe conditions for pedestrians along the access thoroughfares. The railhead consists of eight spurs and one siding that can provide a maximum 160 rail car loading cycle per day. This existing rail network is essential to the posts readiness, however, existing spurs and tracks contain inadequate storage and no provisions for container loading operations other than mobile fork lifts and cranes. The limited space at the railhead restricts container and vehicle loading operations at the same time.				

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
ARMY			31 JAN 1997
3. INSTALLATION AND LOCATION			
Fort Hood, Texas			
4. PROJECT TITLE		5. PROJECT NUMBER	
Railhead Facility		19528	
12. SUPPLEMENTAL DATA: (CONTINUED)			
B. Equipment associated with this project which will be provided from other appropriations:			
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost <u>(\$000)</u>
	NA		
<p>Installation Engineer: COL Robert B. Gatlin</p> <p>Phone Number: 817 287-5707</p>			

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Sam Houston Texas	4. COMMAND US Army Forces Command	5. AREA CONSTRUCTION COST INDEX 0.87

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED		
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST CIVIL TOTAL
A. AS OF 30 SEP 1996	1365	2542	4249	914 3345 72	132 244 2663 15,526
B. END FY 2003	1482	2756	3924	756 3477 60	132 228 2667 15,482

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	516 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	236,506
C. AUTHORIZATION NOT YET IN INVENTORY.....	268,466
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	16,000
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	24,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	22,600
H. GRAND TOTAL.....	567,572

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:			
CATEGORY	PROJECT	COST	DESIGN STATUS
CODE	NUMBER PROJECT TITLE	(\$000)	START COMPLETE
721	47241 Whole Barracks Complex Renewal	16,000	01/1996 09/1997
TOTAL		16,000	

9. FUTURE PROJECTS:			
CATEGORY	PROJECT	COST	
CODE	NUMBER PROJECT TITLE	(\$000)	
A. REQUESTED IN THE FY 1999 PROGRAM:			
721	Whole Barracks Complex Renewal	24,000	
TOTAL		24,000	
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE			

10. MISSION OR MAJOR FUNCTIONS:

Command and control Fort Sam Houston, its sub-installations and assigned or attached FORSCOM units or activities; provide support to activities within its geographical support area. Major activities on Fort Sam Houston include: HQ, Fifth U.S. Army; HQ, Health Services Command; AMEDD Center and School; Brooke Army Medical Center; and HQ 5th Recruiting Brigade. Camp Bullis sub- installation, in addition to its function as a reserve component training site, serves as a range and maneuver training area for active component AMEDD Center and School, Fort Sam Houston; 3287th Technical Squadron, Lackland AFB; and numerous units from Fort Hood.

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997						
INSTALLATION AND LOCATION: Fort Sam Houston Texas								
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <div style="float: right;">(\$000)</div> <table style="width: 100%;"> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>			A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
A. AIR POLLUTION	0							
B. WATER POLLUTION	0							
C. OCCUPATIONAL SAFETY AND HEALTH	0							
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$222,559 K, based on the Installation Status Report information on conditions as of October 1996.								

1. COMPONENT ARMY		FY 1999		MILITARY CONSTRUCTION PROJECT DATA		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Sam Houston Texas				4. PROJECT TITLE Whole Barracks Complex Renewal			
5. PROGRAM ELEMENT 87796A		6. CATEGORY CODE 721		7. PROJECT NUMBER 48133		8. PROJECT COST (\$000) Auth 24,000 Approp 24,000	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							18,945
Barracks				m2	10,132	1,257	(12,732)
Soldier Community Bldg				m2	1,713	1,257	(2,153)
Battalion Hq Bldg				m2	1,400	1,232	(1,726)
Company Operations Bldg				m2	868.27	1,191	(1,034)
Pre-wired work station				EA	30	4,525	(136)
Total from Continuation page							(1,164)
<u>SUPPORTING FACILITIES</u>							2,726
Electric Service				LS	--	--	(737)
Water, Sewer, Gas				LS	--	--	(679)
Paving, Walks, Curbs And Gutters				LS	--	--	(717)
Storm Drainage				LS	--	--	(45)
Site Imp(402) Demo()				LS	--	--	(402)
Information Systems				LS	--	--	(146)
ESTIMATED CONTRACT COST							21,671
CONTINGENCY PERCENT (5.00%)							1,084
SUBTOTAL							22,755
SUPERVISION, INSPECTION & OVERHEAD (6.00%)							1,365
TOTAL REQUEST							24,120
TOTAL REQUEST (ROUNDED)							24,000
INSTALLED EQT-OTHER APPROPRIATIONS							()
10. Description of Proposed Construction Construct standard-design barracks, soldier community buildings, Battalion Headquarters (HQs) building (large), a company operations facility. Barracks include living/sleeping rooms, semi-private baths, walk-in closets, and storage. Special foundation work is required. Pre-wired workstations are required. Supporting facilities include utilities; electric service; security lighting; fire protection and alarm systems; parking and access roads; paving, walks, curbs and gutters; storm drainage; athletic fields, picnic areas and recreation areas; information systems; and site improvements. Access for the handicapped will be provided in the administrative areas. Central air handling system will be provided for the soldier community building, Battalion HQs and Company HQs. Individual room control for heating (gas-fired) and air conditioning will be provided for the barracks. Chilled and hot water will be provided from building systems. Demolish two buildings (85,910) with hazardous materials abatement prior to demolition. Comprehensive interior design services are required.							
11. REQ: 3,834 PN ADQT: 588 PN SUBSTD: 3,246 PN							
PROJECT: Construct standard-design barracks, soldier community buildings a battalion HQs building and a company operations building. (Current Mission)							

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Sam Houston, Texas		
4. PROJECT TITLE Whole Barracks Complex Renewal	5. PROJECT NUMBER 48133	

9. COST ESTIMATES (CONTINUED)

<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>				
Special Foundation	m2	7,308	43.06	(315)
Building Information Systems	LS	--	--	(849)
			Total	1,164

REQUIREMENT: Provide barracks and administrative support facilities that comply with current Army standards for space, security, storage and privacy for single soldiers. Maximum utilization is 384 PN. Intended utilization is 332 PN.

CURRENT SITUATION: The existing hammerhead barracks buildings that were built in the 1950s, are three-story masonry structures with central latrines and showers. These facilities are in deteriorated conditions with high levels of recurring maintenance and repair. Each building includes one company operations and dining facility area. Living conditions and supporting areas are inadequate and are not in accordance with the current Army standards that provide the soldier with a modern living environment.

IMPACT IF NOT PROVIDED: If this project is not provided, the soldiers will continue to live in substandard and inadequate conditions. The morale of the soldier will continue to suffer and the retention of the trained soldiers will take a downward trend.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project. Parametric estimates have been used to develop project costs. During the past two years, \$5.4 million has been spent on RPM for unaccompanied enlisted personnel housing at Fort Sam Houston. Upon completion of this project, the remaining permanent party requirement is 2,862 spaces at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	<u>JAN 1997</u>
(b) Parametric Cost Estimating Used to Develop Costs	<u>NO</u>
(c) Percent Complete As Of January 1998.....	<u>35</u>
(d) Date 35% Designed.....	<u>JAN 1998</u>
(e) Date Design Complete.....	<u>JUN 1998</u>

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997								
3. INSTALLATION AND LOCATION Fort Sam Houston, Texas										
4. PROJECT TITLE Whole Barracks Complex Renewal		5. PROJECT NUMBER 48133								
12. SUPPLEMENTAL DATA: (Continued) A. Estimated Design Data: (Continued) (2) Basis: (a) Standard or Definitive Design - (YES/NO) Y (b) Where Design Was Most Recently Used Fort Jackson (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) (a) Production of Plans and Specifications..... 200 (b) All Other Design Costs..... 3,400 (c) Total Design Cost..... 3,600 (d) Contract..... 2,800 (e) In-house..... 800 (4) Construction Start..... MAR 1999 month & year B. Equipment associated with this project which will be provided from other appropriations: <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left; width: 40%;">Equipment <u>Nomenclature</u></th> <th style="text-align: left; width: 30%;">Procuring <u>Appropriation</u></th> <th style="text-align: left; width: 20%;">Fiscal Year <u>Appropriated</u> <u>Or Requested</u></th> <th style="text-align: left; width: 10%;">Cost <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center; padding-top: 20px;">NA</td> </tr> </tbody> </table>			Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year <u>Appropriated</u> <u>Or Requested</u>	Cost <u>(\$000)</u>	NA			
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year <u>Appropriated</u> <u>Or Requested</u>	Cost <u>(\$000)</u>							
NA										
Installation Engineer: LTC Phillip Smith Phone Number: 210 221-3009										

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
	NUMBER	PROJECT TITLE				
Utah		Tooele Army Depot (AMC)				141
	44914	Ammunition Containerization Complex	5,000	5,000	C	143
		Subtotal Tooele Army Depot PART I	\$ 5,000	5,000		
		* TOTAL MCA FOR Utah	\$ 5,000	5,000		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Tooele Army Depot Utah	4. COMMAND US Army Materiel Command		5. AREA CONSTRUCTION COST INDEX 1.12

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	12	18	941	0	0	0	1	12	1123	2,107
B. END FY 2003	10	24	1059	0	0	0	1	12	1102	2,208

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	4,123 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	117,273
C. AUTHORIZATION NOT YET IN INVENTORY.....	9,200
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	0
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	5,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	161,000
H. GRAND TOTAL.....	292,473

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM: NONE

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
149	Ammunition Containerization Complex	5,000
TOTAL		5,000
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

The principal mission of Tooele Army Depot is to operate a supply and maintenance depot providing for the receipt, storage, issue, maintenance, and disposal of assigned commodities. Commodities include automotive, construction, rail and general equipment, missile systems, commodity groups, conventional and chemical munitions, and general supplies. Design, manufacture and testing of ammunition peculiar equipment also performed. Installation support to attached organizations and Depot Activities provided. Demilitarization of chemical agents carried out in a prototype plant.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Tooele Army Depot Utah			4. PROJECT TITLE Ammunition Containerization Complex		
5. PROGRAM ELEMENT 72896A	6. CATEGORY CODE 149	7. PROJECT NUMBER 44914	8. PROJECT COST (\$000) Auth 5,000 Approp 5,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					3,605
Transfer Pads		m2	11,149	100.46	(1,120)
Storage Pads		m2	11,149	19.73	(220)
Dunnage Bldg (2)		m2	464.52	1,076	(500)
Container Rec'vg Pad		m2	8,361	100.46	(840)
Container Repair Bldg		m2	371.61	1,076	(400)
Total from Continuation page					(525)
<u>SUPPORTING FACILITIES</u>					869
Electric Service		LS	---	---	(200)
Water, Sewer, Gas		LS	---	---	(200)
Paving, Walks, Curbs And Gutters		LS	---	---	(40)
Storm Drainage		LS	---	---	(200)
Site Imp(223) Demo(6)		LS	---	---	(229)
ESTIMATED CONTRACT COST					4,474
CONTINGENCY PERCENT (5.00%)					224
SUBTOTAL					4,698
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					282
TOTAL REQUEST					4,980
TOTAL REQUEST (ROUNDED)					5,000
INSTALLED EQT-OTHER APPROPRIATIONS					()
10. Description of Proposed Construction Construct an ammunition containerization complex. Project includes a container receiving area (with repair building and staging/storage area), two dunnage buildings and two container stuffing/transfer areas. Work also includes demolition of existing pavement and constructing heavy-duty pavements for transferring containers to and from rail-cars; lighter-duty pavements for operations handling and storing empty containers and container chassis; lightning protection; and work lights for 24 hour operations. Supporting facilities include utilities; electric service; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Heating will be provided by self-contained unit in administrative areas. Air conditioning: 1 ton. Demolish one building (71 SM) within the footprint.					
11. REQ: 4 EA ADQT: NONE SUBSTD: 4 EA					
PROJECT: Construct an ammunition containerization complex. (Current Mission)					
REQUIREMENT: This project provides an ammunition containerization complex with container transfer and receiving areas, container repair facility, and container storage areas, all with rail and road access. Construction of this project will raise the total capability at this installation to ship loaded					

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Tooele Army Depot, Utah					
4. PROJECT TITLE Ammunition Containerization Complex				5. PROJECT NUMBER 44914	
9. COST ESTIMATES (CONTINUED)					
<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>	
<u>PRIMARY FACILITY (CONTINUED)</u>					
High Mast Lighting	EA	5	80,000	(400)	
Lightning Protection	EA	4	31,250	(125)	
			Total	525	
<p><u>REQUIREMENT: (CONTINUED)</u></p> <p>ammunition containers to 310 containers/day. The ability to quickly respond to a Major Regional Conflict requires early availability of empty shipping containers and the ability to handle, stuff, and ship ammunition in containers from this installation to Atlantic or Pacific outports for surface transportation in support of Rapid Deployment Forces.</p> <p><u>CURRENT SITUATION:</u> Under ASMP, this installation is assigned a shipping requirement of 310 containers (standard 8'x 8'x 20' commercial or military-owned demountable container (MILVAN) weather tight, steel containers) per day. Historically, outgoing shipments have generally been bulk shipments, with palletized munitions loaded, blocked and braced into trucks or railcars for subsequent unloading and reloading into other transportation modes (aircraft or ships) for further overseas shipment. Existing facilities at Tooele were designed and configured for such break-bulk operations. To improve operational efficiency, the Army has decided to convert from the labor-intensive and time consuming multiple handling of bulk shipments, to the expedited through-put of depot-packed shipping containers which receive only minimal handling before issue to the user. Containers can be transported to individual ammunition storage igloos or magazines on container chassis or rail flatcars for loading, or munitions can be transported by railcar to existing facilities for stuffing into containers. Existing facilities for empty containers are inadequate for repair of damaged containers and to meet the daily handling requirements (310 containers incoming to unload, 310 to dispatch for packing) and storage requirements (900-1,500 containers). Existing facilities for transferring loaded containers from depot transporters to commercial transport for off-post movement limit access to only a few vehicles at a time, and must frequently stand idle while carriers move out loaded cars and provide more empty cars.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, this installation will not be able to supply and sustain a sufficient quantity of shipment ready containers to meet ammunition shipping requirements during mobilization efforts. The resultant shortage of containers could prevent this installation from meeting ASMP ammunition shipping requirements. Delays in delivery of ammunition could delay deployment of elements of the Rapid Reaction Force, or leave deployed elements critically short of ammunition should follow-on stocks not arrive in theater as planned.</p>					

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Virginia		Fort Eustis (TRADOC)				149
	38320	Whole Barracks Complex Renewal	29,000	29,000	C	151
		Subtotal Fort Eustis PART I	\$ 29,000	29,000		
		Charlottesville (TRADOC)				155
	48090	National Ground Intelligence Center Fac	46,200	46,200	C	157
		Subtotal Charlottesville PART I	\$ 46,200	46,200		
		* TOTAL MCA FOR Virginia	\$ 75,200	75,200		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Eustis Virginia	4. COMMAND US Army Training and Doctrine Command	5. AREA CONSTRUCTION COST INDEX 0.92

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED		
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST CIVIL TOTAL
A. AS OF 30 SEP 1996	539	3614	2141	166 1566 19	31 718 1779 10,573
B. END FY 2003	578	4064	2079	178 1669 16	30 711 1696 11,021

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	3,330 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	243,933
C. AUTHORIZATION NOT YET IN INVENTORY.....	28,910
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	0
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	29,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	54,000
H. GRAND TOTAL.....	355,843

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM: NONE	
--	--

9. FUTURE PROJECTS:	
CATEGORY	COST
CODE PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:	
721 Whole Barracks Complex Renewal	29,000
TOTAL	29,000
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE	

10. MISSION OR MAJOR FUNCTIONS:	
<p>The mission of the US Army Transportation Center is to provide organization and training of all types of aircraft maintenance and transportation units as well as to provide logistical support to the US Army Transportation and Air Logistics School, the US Army Training Support Center, The 7th Transportation Group, the Transportation Engineering Agency and numerous support activities.</p>	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Eustis Virginia		4. PROJECT TITLE Whole Barracks Complex Renewal		
5. PROGRAM ELEMENT 85796A	6. CATEGORY CODE 721	7. PROJECT NUMBER 38320	8. PROJECT COST (\$000) Auth 29,000 Approp 29,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				
Barracks	m2	11,594	1,286	23,788 (14,914)
Soldier Community Building	m2	2,489	1,286	(3,202)
Dining Facility	m2	2,272	1,894	(4,304)
EMCS Connection	LS	--	--	(292)
Special Foundation	LS	--	--	(890)
Building Information Systems	LS	--	--	(186)
<u>SUPPORTING FACILITIES</u>				
Electric Service	LS	--	--	1,868 (227)
Water, Sewer, Gas	LS	--	--	(128)
Paving, Walks, Curbs And Gutters	LS	--	--	(770)
Storm Drainage	LS	--	--	(18)
Site Imp(592) Demo()	LS	--	--	(592)
Information Systems	LS	--	--	(133)
ESTIMATED CONTRACT COST				25,656
CONTINGENCY PERCENT (5.00%)				1,283
SUBTOTAL				26,939
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				1,616
TOTAL REQUEST				28,555
TOTAL REQUEST (ROUNDED)				29,000
INSTALLED EQT-OTHER APPROPRIATIONS				(0)
10. Description of Proposed Construction Construct a standard-design barracks, dining facility, and a soldier community building. Special foundation work will be required. Project includes living/sleeping rooms, semi-private baths, walk-in closets, storage, and exterior entrances to rooms. The soldier community building includes bulk storage space, dayrooms and laundry facilities. Provide recreational areas for basketball and volleyball. Connect to the energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; sewer systems; storm drainage; paving, walks, curbs and gutters; parking; information systems; asbestos removal; and site improvements. Access for the handicapped will be provided. Heating (gas-fired) and air conditioning (300 tons) will be provided by self-contained systems. Comprehensive building and furnishings related interior design services are required.				
11. REQ: 2,332 PN ADQT: 393 PN SUBSTD: 1,939 PN				
PROJECT: Construct a standard-design barracks complex with dining facility, and a soldier community building. (Current Mission)				

1. COMPONENT		2. DATE
ARMY FY 1999 MILITARY CONSTRUCTION PROJECT DATA		31 JAN 1997
3. INSTALLATION AND LOCATION		
Fort Eustis, Virginia		
4. PROJECT TITLE		5. PROJECT NUMBER
Whole Barracks Complex Renewal		38320
<p><u>REQUIREMENT:</u> This project is required to provide adequate housing, dining and administrative support facilities meeting Army standards for unaccompanied enlisted personnel stationed at Fort Eustis. Maximum and intended utilization is 400 persons.</p> <p><u>CURRENT SITUATION:</u> These facilities, originally constructed in the 1950s, provide minimal adequacy standards for unaccompanied personnel housing. Latrine and shower facilities are the central, gang type configuration. The existing building systems cannot support the needs of soldiers to provide soldiers with a quality of life environment.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, enlisted personnel will continue to be housed in marginal facilities, resulting in lower morale and retention rates. Improvements in keeping with the Army's Communities of Excellence program will not be provided which will directly affect the welfare of soldiers residing in the facilities.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project. Parametric estimates have been used to develop project costs. During the past two years, \$10.0 million has been spent on RPM for unaccompanied enlisted personnel housing at Fort Eustis. Upon completion of this project, the remaining permanent party requirement is 1,539 spaces at this installation.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	JAN 1997	
(b) Parametric Cost Estimating Used to Develop Costs	NO	
(c) Percent Complete As Of January 1998.....	40	
(d) Date 35% Designed.....	DEC 1997	
(e) Date Design Complete.....	JUN 1998	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) Y		
(b) Where Design Was Most Recently Used	Fort Jackson	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....	1,700	
(b) All Other Design Costs.....	900	
(c) Total Design Cost.....	2,600	
(d) Contract.....	2,000	

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Fort Eustis, Virginia		
4. PROJECT TITLE	5. PROJECT NUMBER	
Whole Barracks Complex Renewal	38320	
12. SUPPLEMENTAL DATA: (Continued)		
A. Estimated Design Data: (Continued)		
(e) In-house.....	600	
(4) Construction Start.....	DEC 1998	
	month & year	
<p>Installation Engineer: Col Brian J. Ohlinger</p> <p>Phone Number: DSN 927-2806</p>		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM				2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Charlottesville Virginia			4. COMMAND US Army Training and Doctrine Command			5. AREA CONSTRUCTION COST INDEX 0.92

6. PERSONNEL STRENGTH:											
	PERMANENT			STUDENTS			SUPPORTED				
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	
A. AS OF 30 SEP 1996	680	2242	2290	979	3536	424	59	104	2454	12,768	
B. END FY 2003	619	2493	1868	979	3212	362	38	103	2467	12,141	

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	0
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	46,200
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	46,200

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:				
CATEGORY PROJECT			COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
141	49027	National Ground Intelligence Ctr Design	0	08/1995 10/1998
TOTAL			0	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
141	National Ground Intelligence Center Fac	46,200
TOTAL		46,200
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
Provides support facilities to house National Ground Intelligence Center (NGIC) employees and customers.	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Charlottesville Virginia			4. PROJECT TITLE National Ground Intelligence Center Fac		
5. PROGRAM ELEMENT 31302A	6. CATEGORY CODE 141	7. PROJECT NUMBER 48090	8. PROJECT COST (\$000) Auth 46,200 Approp 46,200		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> NGIC FACILITY		m2	24,015	1,456	34,966 (34,966)
<u>SUPPORTING FACILITIES</u> Support Facilities		LS	--	--	6,543 (6,543)
ESTIMATED CONTRACT COST					41,509
CONTINGENCY PERCENT (5.00%)					2,075
SUBTOTAL					43,584
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					2,615
TOTAL REQUEST					46,199
TOTAL REQUEST (ROUNDED)					46,000
INSTALLED EQT-OTHER APPROPRIATIONS					(7,200)
10. Description of Proposed Construction Provide a single state of the art facility to support the functions of the National Ground Intelligence Center (NGIC) employees and customers. The facility shall encompass 24,015 square meters. Approximately 50 percent will be allocated to office environments with the remaining area divided between special support spaces such as laboratories, auditorium, cafeteria, fitness center, day care facilities, data processing center, photo/print plants, security facilities, a telecommunication center, a reference research library, conference rooms and other special requirement areas. Support facilities include electrical service, water and sewer connections to the existing services, parking lots, access roads, street and area lights, walks and sitework associated with a new facility.					
11. REQ: 24,015 m2 ADQT: NONE SUBSTD: NONE PROJECT: Provide a facility to support the National Ground Intelligence Center (NGIC), Charlottesville, Virginia. (Current Mission) REQUIREMENT: The NGIC is responsible for the production of Ground Force Intelligence in support of Force and Materiel Developers, Operational Forces, and Department of the Army (DA)/Department of Defense (DOD) and National Level Decision Makers. General Services Administration (GSA) appropriations for					

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Charlottesville, Virginia		
4. PROJECT TITLE	5. PROJECT NUMBER	
National Ground Intelligence Center Fac	48090	
<p><u>REQUIREMENT: (CONTINUED)</u></p> <p>construction were denied without prejudice in FY 95 and 96.</p> <p><u>CURRENT SITUATION:</u> NGIC currently occupies six separate buildings in Charlottesville, Virginia. The organization's main building is a GSA owned Federal Office Building (FOB) constructed in 1954 with an annex built in the mid 1960s. In addition, four geographically dispersed buildings and a warehouse support operations. These facilities do not meet current space requirements and contribute to additional manpower costs and operating inefficiencies. COE and GSA evaluations document overcrowding, and overloading of structural systems to 100 percent of design loads. Placement of specialized equipment required to perform NGIC's intelligence mission compromises structural, health, fire and safety systems. Visible asbestos was removed in 1989 which exposed asbestos remains in the building. The building does not meet ADA requirements. The existing electrical system has the capacity to meet present load requirements but failed twice in the last three years. The heating, ventilating and air conditioning (HVAC) system is not able to adequately condition the environment for either building population or to meet computer generated demands. The additional personnel assigned to the facility in conjunction with its operation as a "Center for Excellence", and a result of ITAC's dis-establishment compound the existing facility's short comings.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the current substandard facilities will continue to decline, morale will continue to decrease for over 800 professionals and mission standards will not meet standards expected. Additionally, annual operating cost will continue to dramatically increase for failed or failing systems and components.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	AUG 1995	
(b) Parametric Cost Estimating Used to Develop Costs	NO	
(c) Percent Complete As Of January 1998.....	35	
(d) Date 35% Designed.....	DEC 1996	
(e) Date Design Complete.....	OCT 1998	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) N		

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997																														
3. INSTALLATION AND LOCATION Charlottesville, Virginia																																
4. PROJECT TITLE National Ground Intelligence Center Fac	5. PROJECT NUMBER 48090																															
<p>12. <u>SUPPLEMENTAL DATA:</u> (Continued)</p> <p>A. Estimated Design Data: (Continued)</p> <p style="padding-left: 40px;">(b) Where Design Was Most Recently Used</p> <p style="padding-left: 40px;">(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table style="margin-left: 80px; width: 80%;"> <tr> <td style="width: 80%;">(a) Production of Plans and Specifications.....</td> <td style="text-align: right; border-top: 1px solid black;">2,200</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right; border-top: 1px solid black;">900</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right; border-top: 1px solid black; border-bottom: 1px solid black;">3,100</td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right; border-top: 1px solid black;">2,500</td> </tr> <tr> <td>(e) In-house.....</td> <td style="text-align: right; border-top: 1px solid black; border-bottom: 1px solid black;">600</td> </tr> </table> <p style="padding-left: 40px;">(4) Construction Start..... <u>JAN 1999</u> month & year</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; margin-top: 20px;"> <thead> <tr> <th style="text-align: left;"><u>Equipment Nomenclature</u></th> <th style="text-align: left;"><u>Procuring Appropriation</u></th> <th style="text-align: left;"><u>Fiscal Year Appropriated Or Requested</u></th> <th style="text-align: right;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Furnishings</td> <td>OPA</td> <td>1999</td> <td style="text-align: right;">5,100</td> </tr> <tr> <td>IDS Equipment</td> <td>OPA</td> <td>1999</td> <td style="text-align: right;">1,100</td> </tr> <tr> <td>Moving Costs</td> <td>OPA</td> <td>1999</td> <td style="text-align: right;">1,000</td> </tr> <tr> <td colspan="3" style="text-align: right; border-top: 1px solid black;">TOTAL</td> <td style="text-align: right; border-top: 1px solid black; border-bottom: 1px solid black;">7,200</td> </tr> </tbody> </table>			(a) Production of Plans and Specifications.....	2,200	(b) All Other Design Costs.....	900	(c) Total Design Cost.....	3,100	(d) Contract.....	2,500	(e) In-house.....	600	<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	Furnishings	OPA	1999	5,100	IDS Equipment	OPA	1999	1,100	Moving Costs	OPA	1999	1,000	TOTAL			7,200
(a) Production of Plans and Specifications.....	2,200																															
(b) All Other Design Costs.....	900																															
(c) Total Design Cost.....	3,100																															
(d) Contract.....	2,500																															
(e) In-house.....	600																															
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>																													
Furnishings	OPA	1999	5,100																													
IDS Equipment	OPA	1999	1,100																													
Moving Costs	OPA	1999	1,000																													
TOTAL			7,200																													
Installation Engineer: LTC Kirk Bergner Phone Number: 804 734-4015																																

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Washington		Fort Lewis (FORSCOM)				163
	43089	Central Vehicle Wash Facility	4,650	4,650	C	165
	43091	Consolidated Fuel Facility	3,950	3,950	C	168
	43092	Ammunition Supply Point	5,500	5,500	C	171
	43855	Close Combat Tactical Trainer Building	7,300	7,300	N	174
	44799	Tank Trail Erosion Mitigation-Yakima	2,000	2,000	C	177
		Subtotal Fort Lewis PART I	\$ 23,400	23,400		
		* TOTAL MCA FOR Washington	\$ 23,400	23,400		
		** TOTAL INSIDE THE UNITED STATES FOR MCA	\$ 573,200	469,600		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Lewis Washington	4. COMMAND US Army Forces Command		5. AREA CONSTRUCTION COST INDEX 1.08	

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED		
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST
	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	2498	15654	3397	16	227
				0	61
				177	2297
					24,327
B. END FY 2003	2428	15312	2903	11	230
				0	58
				171	2308
					23,421

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	14,113 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	610,804
C. AUTHORIZATION NOT YET IN INVENTORY.....	211,042
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	33,000
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	23,400
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	226,108
H. GRAND TOTAL.....	1,104,354

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:					
CATEGORY PROJECT			COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE	(\$000)	START	COMPLETE
851	44798	Tank Trail Erosion Mitigation-Yakima	2,000	04/1996	06/1997
721	46748	Whole Barracks Complex Renewal	31,000	03/1994	06/1997
TOTAL			33,000		

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
411	Consolidated Fuel Facility	3,950
214	Central Vehicle Wash Facility	4,650
422	Ammunition Supply Point	5,500
171	Close Combat Tactical Trainer Building	7,300
851	Tank Trail Erosion Mitigation-Yakima	2,000
TOTAL		23,400

10. MISSION OR MAJOR FUNCTIONS:
<p>Support and training of I Corps Headquarters and organizations assigned to I Corps, including a motorized brigade. Support Madigan Army Medical Center and Reserve Component annual training. Ensure the most efficient utilization of resources to operate Fort Lewis and accomplish all assigned missions. Conduct mobilization operations to meet wartime requirements. Conduct operations in support of civil authorities in domestic emergencies.</p>

1. COMPONENT		2. DATE
ARMY FY 1999 MILITARY CONSTRUCTION PROJECT DATA		31 JAN 1997
3. INSTALLATION AND LOCATION		
Fort Lewis, Washington		
4. PROJECT TITLE		5. PROJECT NUMBER
Central Vehicle Wash Facility		43089
<p><u>CURRENT SITUATION:</u> The current central vehicle wash facility at Yakima was constructed in 1980 and has 10 wheeled and 12 tracked vehicle washing positions. Minor improvements were incorporated in 1991 to correct drainage deficiencies in order to maximize recapture of washwater and to improve maintainability of the sand and equalization basins. The sedimentation basins are currently undersized to efficiently remove small diameter sediment from used washwater. As a result, sediment carries over to the equalization basin. The existing vehicle wash facility is unable to handle the volume of vehicles and vehicles are not adequately cleaned.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, unit exercises will be impacted by inefficient washing operations of vehicles thus affecting everyday operations. The existing vehicle wash facility will be unable to process increased traffic loads. The cantonment area and adjacent lands will be affected by potential increases in soils, residues, and noxious weeds not removed from vehicles returning from field exercises.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been prepared and was utilized in evaluating this project.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	OCT 1994	
(b) Parametric Cost Estimating Used to Develop Costs.....	NO	
(c) Percent Complete As Of January 1998.....	50	
(d) Date 35% Designed.....	OCT 1995	
(e) Date Design Complete.....	JUN 1998	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) N		
(b) Where Design Was Most Recently Used		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....	250	
(b) All Other Design Costs.....	130	
(c) Total Design Cost.....	380	
(d) Contract.....	150	
(e) In-house.....	230	
(4) Construction Start..... MAR 1999		

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
ARMY			31 JAN 1997
3. INSTALLATION AND LOCATION			
Fort Lewis, Washington			
4. PROJECT TITLE		5. PROJECT NUMBER	
Central Vehicle Wash Facility		43089	
12. SUPPLEMENTAL DATA: (Continued)			
A. Estimated Design Data: (Continued)			
month & year			
B. Equipment associated with this project which will be provided from other appropriations:			
Equipment	Procuring	Fiscal Year	Cost
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>
			<u>(\$000)</u>
NONE			
<p>Installation Engineer: COL Arthur B. Gravatt</p> <p>Phone Number: 206 967-3191</p>			

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Lewis Washington			4. PROJECT TITLE Consolidated Fuel Facility			
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 411	7. PROJECT NUMBER 43091	8. PROJECT COST (\$000) Auth 3,950 Approp 3,950		
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY					3,015	
Gasoline Station Building		m2	41.81	2,240	(94)	
Fuel Pumps		EA	23	20,603	(474)	
Dispensing Units		LS	--	--	(49)	
Vehicle Fuel Storage		L	1324894	.87	(1,159)	
Fuel Piping/Valves		m	6,590	110.99	(731)	
Total from Continuation page					(508)	
SUPPORTING FACILITIES					520	
Electric Service		LS	--	--	(118)	
Water, Sewer, Gas		LS	--	--	(22)	
Paving, Walks, Curbs And Gutters		LS	--	--	(8)	
Storm Drainage		LS	--	--	(6)	
Site Imp(94) Demo()		LS	--	--	(94)	
Information Systems		LS	--	--	(272)	
ESTIMATED CONTRACT COST					3,535	
CONTINGENCY PERCENT (5.00%)					177	
SUBTOTAL					3,712	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					223	
TOTAL REQUEST					3,935	
TOTAL REQUEST (ROUNDED)					3,950	
INSTALLED EQT-OTHER APPROPRIATIONS					()	
10. Description of Proposed Construction Project includes aboveground fuel tanks with leakage detection and monitoring equipment, spill containment, dispensing equipment, air compressor, oil/water separator, hardstand, 60 hertz transformer, fire alarm systems, fuel storage, fuel station building, and fuel piping systems. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; paving; parking; security fencing, gates, and lighting; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating will be provided by an electrical heat unit.						
11. REQ: 2,271,247 L ADQT: 529,958 L SUBSTD: 332,193 L PROJECT: Construct a consolidated fuel storage and dispensing station. (Current Mission) REQUIREMENT: This project is required to provide a consolidated fuel storage and dispensing facility. The facility will be located near the range area of Yakima Training Center, some five miles from the cantonment area. This will allow military vehicles going to and coming from the ranges to fuel their vehicles. A mechanized Brigade size of military vehicles carry approximately 319,000 gallons of fuel. During a brigade maneuver exercise, 59,000 gallons of						

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Lewis, Washington		
4. PROJECT TITLE Consolidated Fuel Facility	5. PROJECT NUMBER 43091	

9. COST ESTIMATES (CONTINUED)

<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>				
Air Compressor	EA	1	5,996	(6)
Oil/Water Separator	EA	1	31,200	(31)
Leak Detection	LS	--	--	(26)
Metering/Monitoring Equip	LS	--	--	(53)
Hardstand	m2	2,676	56.43	(151)
Paving, AC	m2	2,579	18.38	(47)
Fire Alarm System	LS	--	--	(3)
IDS Installation	LS	--	--	(3)
Spill Contain Berm	LS	--	--	(163)
Building Information Systems	LS	--	--	(25)
			Total	508

REQUIREMENT: (CONTINUED)

fuel was dispensed each day for the ten day period of the exercise, some 590,000 gallons of fuel. Military tanker vehicles of 2500 and 5000 gallon capacity ferry the fuel to the maneuvering vehicles during the exercise. These Brigade exercises occur 3 to 4 times each year. At other times during the year, Battalion size, Company size, Reserves, Washington Army National Guard, and foreign troops utilize the ranges.

CURRENT SITUATION: There are currently two fuel dispensing facilities, petroleum, oils and lubricants (POL-1) and POL-2. Both of these fuel facilities are located on the Northeast side of the cantonment area of Yakima Training Center, five miles from the entrance to the ranges. POL-1 stores 40,000 gallons of diesel fuel, 60,000 gallons of mogas fuel, and 40,000 gallons of JP-8 fuel, and dispenses from four commercial stations and two overhead/bottom bulk stations. POL-2 stores 87,756 gallons of fuel, and dispenses from four overhead stations. This facility is not being used because it does not have spill containment and does not meet current federal and state regulations for fuel dispensing. These storage tanks need to be cleaned and relined in order to store JP-8 fuel. Interconnect piping and leak protection and monitoring is also needed.

IMPACT IF NOT PROVIDED: If this project is not provided, Yakima will not have enough fuel to support a 10-day heavy brigade training exercise. At best there is only enough fuel for a 1 to 2-day maneuver exercise. If any pump should quit working, the fuel in its tank will no longer be available because the storage tanks are not interconnected. If the monitoring equipment and berm are not provided, these existing tanks will not meet the current Environmental Protection Agency (EPA) requirements and will have to be shut down. Fuel delivery takes 3 or more hours in 10,000 gallon commercial tanker trucks from the Seattle area and is dependent on the fuel company delivery schedules.

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Fort Lewis, Washington		
4. PROJECT TITLE	5. PROJECT NUMBER	
Consolidated Fuel Facility	43091	
<p>ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	OCT 1994	
(b) Parametric Cost Estimating Used to Develop Costs.....	NO	
(c) Percent Complete As Of January 1998.....	50	
(d) Date 35% Designed.....	JUN 1995	
(e) Date Design Complete.....	JUN 1998	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) N		
(b) Where Design Was Most Recently Used		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....	200	
(b) All Other Design Costs.....	50	
(c) Total Design Cost.....	250	
(d) Contract.....	10	
(e) In-house.....	240	
(4) Construction Start.....	MAR 1999	
	month & year	
B. Equipment associated with this project which will be provided from other appropriations:		
Equipment	Procuring	Fiscal Year
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u> Cost
		<u>Or Requested</u> (\$000)
NA		
Installation Engineer: COL Arthur B. Gravatt Phone Number: 206 967-3191		

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Lewis Washington			4. PROJECT TITLE Ammunition Supply Point	
5. PROGRAM ELEMENT 22696A	6. CATEGORY CODE 422	7. PROJECT NUMBER 43092	8. PROJECT COST (\$000) Auth 5,500 Approp 5,500	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	. COST (\$000)
<u>PRIMARY FACILITY</u>				
Igloo Storage	m2	371.61	1,951	2,520 (725)
General Purpose Magazine	m2	1,394	776.18	(1,082)
Administration Building General	m2	148.64	1,296	(193)
Ammo Surveillance Workshop	m2	185.81	1,399	(260)
Renovate Existing Igloos	EA	10	20,603	(206)
Building Information Systems	LS	--	--	(54)
<u>SUPPORTING FACILITIES</u>				
Electric Service	LS	--	--	2,459 (398)
Water, Sewer, Gas	LS	--	--	(66)
Paving, Walks, Curbs And Gutters	LS	--	--	(646)
Storm Drainage	LS	--	--	(4)
Site Imp(654) Demo(6)	LS	--	--	(660)
Information Systems	LS	--	--	(685)
ESTIMATED CONTRACT COST				4,979
CONTINGENCY PERCENT (5.00%)				249
SUBTOTAL				5,228
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				314
TOTAL REQUEST				5,542
TOTAL REQUEST (ROUNDED)				5,500
INSTALLED EQT-OTHER APPROPRIATIONS				()
10. Description of Proposed Construction Construct two standard-design, earth mounded, oval arched, primary ammunition igloos; two above ground ammunition storage magazine facilities; a general purpose administrative facility to include customer service area; material handling equipment (MHE) storage, and vehicle receiving area; lightning protection; and an ammunition surveillance workshop. Renovate ten igloos include blast door repair/replacement, weather sealing around floor edging, and repair/replace interior lighting and security system. Munitions storage areas will be equipped with intrusion detection systems (IDS) with a central monitor panel in the administration facility and a control panel at the Military Police station. Work also includes pole-mounted security lights, floodlights mounted above each entrance, and information systems. Supporting facilities include utilities, electric service, storm drainage, security fencing and gates, access roads, information systems, and site improvements. Heating will be provided by an oil-fired self-contained unit. Demolish one building (186 SM).				
11. REQ: 3,955 m2 ADQT: 2,190 m2 SUBSTD: NONE				
PROJECT: Construct two earth covered ammunition magazines and two above ground ammunition magazines. (Current Mission)				

1. COMPONENT		2. DATE
ARMY		31 JAN 1997
FY 1999 MILITARY CONSTRUCTION PROJECT DATA		
3. INSTALLATION AND LOCATION		
Fort Lewis, Washington		
4. PROJECT TITLE		5. PROJECT NUMBER
Ammunition Supply Point		43092
<p>REQUIREMENT: This project is required to eliminate the transport of munitions 165 miles across the Cascade Mountains passes from Fort Lewis and provide the required storage for the force modernization of new weapons systems. This facility will provide ammunition storage for various compatibility groupings at Yakima Training Center (YTC), both current and future. This will include the capability to store for the training mission of the new Multi-Purpose Range Complex (completed in FY88). This new requirement is based on a Computation of Storage Space Requirement done by US Army Defense Ammunition Center on 20 September 1995.</p> <p>CURRENT SITUATION: At the present time the YTC ammunition storage point (ASP) consists of ten standard igloos and one above ground magazine. Due to limited compatibility in storage, only minimal quantities of pyrotechnic and demolition ammunition can be accommodated. Storage for white phosphorous (WP) ammunition, fragmentation and offensive grenades, and heavy demolition items used at the Yakima Firing Center is not available at the ASP. Consequently, these munitions must be shipped to the Fort Lewis ASP and then to Yakima Training Center, a distance of approximately 165 miles by road (a three hour drive). These munitions are stored outdoors in makeshift areas until issued. This situation generates several safety, security and logistical problems. During such transport, ammunition are vulnerable to exposure, explosion and/or theft.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, the transport of ammunition will result in continued vulnerability of explosives to accidental explosion and/or terrorist actions while in transit between Fort Lewis and Yakima Training Center. Existing storage deficiencies will be further exacerbated by a projected 20 percent increase in live fire training exercises and introduction of new weapons systems at Yakima Training Center.</p> <p>ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. This project must be submitted to the DOD Explosive Safety Board (DDESB) for review and approval. An economic analysis has been prepared and utilized in evaluating this project.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	JAN 1997	
(b) Parametric Cost Estimating Used to Develop Costs	NO	
(c) Percent Complete As Of January 1998.....	40	
(d) Date 35% Designed.....	DEC 1998	
(e) Date Design Complete.....	JUN 1998	

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997								
3. INSTALLATION AND LOCATION Fort Lewis, Washington										
4. PROJECT TITLE Ammunition Supply Point	5. PROJECT NUMBER 43092									
12. SUPPLEMENTAL DATA: (Continued) A. Estimated Design Data: (Continued) (2) Basis: (a) Standard or Definitive Design - (YES/NO) N (b) Where Design Was Most Recently Used (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) (a) Production of Plans and Specifications..... 300 (b) All Other Design Costs..... 48 (c) Total Design Cost..... 348 (d) Contract..... 231 (e) In-house..... 117 (4) Construction Start..... MAR 1999 month & year B. Equipment associated with this project which will be provided from other appropriations: <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u> <u>Nomenclature</u></th> <th style="text-align: left;"><u>Procuring</u> <u>Appropriation</u></th> <th style="text-align: left;"><u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u></th> <th style="text-align: left;"><u>Cost</u> <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center; padding-top: 20px;">NA</td> </tr> </tbody> </table>			<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>	NA			
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>							
NA										
Installation Engineer: COL Arthur B. Gravatt Phone Number: 206 967-3191										

1. COMPONENT		2. DATE		
ARMY		31 JAN 1997		
FY 1999		MILITARY CONSTRUCTION PROJECT DATA		
3. INSTALLATION AND LOCATION		4. PROJECT TITLE		
Fort Lewis Washington		Close Combat Tactical Trainer Building		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
22696A	171	43855	Auth 7,300 Approp 7,300	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				
Close Combat Tactical Tng Fac	m2	4,441	1,168	5,303
IDS Installation	LS	--	--	(5,185)
Pre-Wired Work Stations	EA	5	4,734	(21)
Building Information Systems	LS	--	--	(24)
<u>SUPPORTING FACILITIES</u>				
Electric Service	LS	--	--	1,221
Water, Sewer, Gas	LS	--	--	(201)
Paving, Walks, Curbs And Gutters	LS	--	--	(198)
Storm Drainage	LS	--	--	(439)
Site Imp(99) Demo()	LS	--	--	(38)
Information Systems	LS	--	--	(99)
<u>ESTIMATED CONTRACT COST</u>				
				6,524
<u>CONTINGENCY PERCENT (5.00%)</u>				326
<u>SUBTOTAL</u>				6,850
<u>SUPERVISION, INSPECTION & OVERHEAD (6.00%)</u>				411
<u>TOTAL REQUEST</u>				7,261
<u>TOTAL REQUEST (ROUNDED)</u>				7,300
<u>INSTALLED EQT-OTHER APPROPRIATIONS</u>				(16,763)
10. Description of Proposed Construction Construct a close combat tactical trainer facility (CCTT) with 39 fixed tactical vehicle simulator modules. This project includes simulator bay, classrooms, briefing/debriefing area, audiovisual training rooms, administrative office space, storage areas for general, secure, and sensitive materials, spare parts, tool storage, repair and maintenance shop area, hardstand, and loading docks. Install an intrusion detection system (IDS). Provisions for a mobile CCTT will be provided to include electrical, lightning protection, and tie-down requirements. Supporting facilities include utilities; electric service; exterior area lighting; fire protection and alarm systems; paving, walks, curbs and gutters; fencing; parking; access road improvements; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating (dual-fuel) and air conditioning (350 tons) will be provided by self-contained systems.				
11. REQ: 4,441 m2 ADQT: NONE SUBSTD: NONE				
PROJECT: Construct a close combat tactical trainer facility. (New Mission)				
REQUIREMENT: This project is required to provide the first facility of a combined arms tactical training system complex. This facility will contain the primary training facility and equipment to provide a system to train and				

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Fort Lewis, Washington		
4. PROJECT TITLE	5. PROJECT NUMBER	
Close Combat Tactical Trainer Building	43855	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>sustain individual and collective (crew through company task force) tasks and skills in command and control, communications, and maneuver, and to integrate the function of combat support and combat service support units. This facility will house a group of fully interactive networked simulators and command, control and communications work stations, replicating the vehicles and weapons systems of a mechanized infantry or armor battalion task force and its supporting combat, combat support, and combat service support elements operating on an emulated real-time battlefield.</p> <p><u>CURRENT SITUATION:</u> This is a new Army/Department of Defense initiative; therefore, no facilities or equipment exist at Fort Lewis that can provide or house this training system. Adequate existing facilities to support this mission are not available for this developing family of systems. Currently, tactical combined arms training is achieved by using tactical vehicles and soldiers in field training exercises. This method of training is expensive and equipment intensive, which reduces the operational life of the tactical equipment. Use of the combined arms tactical trainers provides an alternative to the use of tactical field exercises as the sole means to achieve totally trained forces.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, use of field exercise training events to train the soldier will continue. Increasing costs, decreasing budgets, and environmental concerns will impact the amount and quality of tactical combat training provided to modern soldiers. Failure to fund this project will prevent the Army from providing a lower cost alternative to augment and enhance field training. Field exercises will continue to place unnecessary wear and tear on combat equipment and consume large quantities of fuel. The Army will miss an opportunity to train for tactical superiority in the battlefield environment.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	JAN 1997	
(b) Parametric Cost Estimating Used to Develop Costs	NO	
(c) Percent Complete As Of January 1998.....	40	
(d) Date 35% Designed.....	DEC 1997	
(e) Date Design Complete.....	JUN 1998	

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997																														
3. INSTALLATION AND LOCATION Fort Lewis, Washington																																
4. PROJECT TITLE Close Combat Tactical Trainer Building	5. PROJECT NUMBER 43855																															
<p>12. <u>SUPPLEMENTAL DATA:</u> (Continued)</p> <p>A. Estimated Design Data: (Continued)</p> <p style="margin-left: 40px;">(2) Basis:</p> <p style="margin-left: 80px;">(a) Standard or Definitive Design - (YES/NO) Y</p> <p style="margin-left: 80px;">(b) Where Design Was Most Recently Used USACE</p> <p style="margin-left: 40px;">(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table style="margin-left: 80px; width: 80%;"> <tr><td>(a) Production of Plans and Specifications.....</td><td style="text-align: right;">400</td></tr> <tr><td>(b) All Other Design Costs.....</td><td style="text-align: right;">200</td></tr> <tr><td>(c) Total Design Cost.....</td><td style="text-align: right;">600</td></tr> <tr><td>(d) Contract.....</td><td style="text-align: right;">500</td></tr> <tr><td>(e) In-house.....</td><td style="text-align: right;">100</td></tr> </table> <p style="margin-left: 40px;">(4) Construction Start..... <u>DEC 1998</u> month & year</p> <p style="margin-left: 40px;">B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="margin-left: 80px; width: 100%;"> <thead> <tr> <th style="text-align: left;"><u>Equipment Nomenclature</u></th> <th style="text-align: left;"><u>Procuring Appropriation</u></th> <th style="text-align: left;"><u>Fiscal Year Appropriated Or Requested</u></th> <th style="text-align: right;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Equipment</td> <td>OPA</td> <td>1999</td> <td style="text-align: right;">26</td> </tr> <tr> <td>Simulators</td> <td>OPA</td> <td>1999</td> <td style="text-align: right;">16,731</td> </tr> <tr> <td>Info Sys - ISC</td> <td>OPA</td> <td>1999</td> <td style="text-align: right;">6</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right; border-top: 1px solid black;">16,763</td> </tr> </tbody> </table>			(a) Production of Plans and Specifications.....	400	(b) All Other Design Costs.....	200	(c) Total Design Cost.....	600	(d) Contract.....	500	(e) In-house.....	100	<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	Equipment	OPA	1999	26	Simulators	OPA	1999	16,731	Info Sys - ISC	OPA	1999	6	TOTAL			16,763
(a) Production of Plans and Specifications.....	400																															
(b) All Other Design Costs.....	200																															
(c) Total Design Cost.....	600																															
(d) Contract.....	500																															
(e) In-house.....	100																															
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Equipment	OPA	1999	26																													
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Info Sys - ISC	OPA	1999	6																													
TOTAL			16,763																													
Installation Engineer: COL Arthur B. Gravatt Phone Number: 206 967-3191																																

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Fort Lewis Washington				4. PROJECT TITLE Tank Trail Erosion Mitigation-Yakima		
5. PROGRAM ELEMENT 22056A		6. CATEGORY CODE 851	7. PROJECT NUMBER 44799	8. PROJECT COST (\$000) Auth 2,000 Approp 2,000		
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	. COST (\$000)
<u>PRIMARY FACILITY</u>						1,800
MSR road upgrade			km	12.87	46,620	(600)
Secondary road upgrade			km	32.19	37,279	(1,200)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						1,800
CONTINGENCY PERCENT (5.00%)						90
SUBTOTAL						1,890
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						113
TOTAL REQUEST						2,003
TOTAL REQUEST (ROUNDED)						2,000
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10. Description of Proposed Construction Upgrade main supply road (MSR) and secondary roads to mitigate impacts to surface water quality, soil erosion, vegetation, and wildlife habitat. Project includes treating existing roads with crushed rock, providing stream crossing protection, and providing protection for sensitive and riparian areas.						
11. REQ: 483 km ADQT: 158 km SUBSTD: 325 km PROJECT: Upgrade existing dirt roads to crushed rock and improving drainage and stream crossings. This is the fourth of ten phases. (Current Mission) REQUIREMENT: This project is required to reduce erosion from training activities at Yakima Training Center for the stationing of mechanized or armored combat forces (heavy forces) at Fort Lewis. These units were moved as part of the overseas draw down and recently were stationed at Fort Lewis. This project was identified in the final environmental impact statement (EIS) and the record of decision (ROD). In addition, improved roads are expected to attract and hold more traffic than poorly maintained roads. This will result in less impact to vegetation and soils which directly impacts surface water quality and wildlife habitat.						

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Fort Lewis, Washington		
4. PROJECT TITLE	5. PROJECT NUMBER	
Tank Trail Erosion Mitigation-Yakima	44799	
<p><u>CURRENT SITUATION:</u> Under the current conditions at Yakima Training Center with the on-going schedule of training with heavy and wheeled vehicles, soil erosion associated with the use of the road network has been identified as the major source of erosion which impacts surface water quality. Roads that have been treated with crushed gravel, ford crossings and drainage structures have significantly reduced soil erosion and dusty conditions.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the stationing of heavy forces at Fort Lewis will not meet the environmental mitigation requirements of the Record of Decision. Tracked and wheeled vehicles will continue to pulverize the existing dirt roads into powder dust, approximately 6 to 18 inches deep. This loose, powder dust allows the roads to erode during snow melt or flash flooding which reduces stream water quality. Or, when the dust or ruts get too bad, vehicles will be driven adjacent to the existing roads which expands the erosion area and reduces vegetation and wildlife habitats.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		JAN 1997
(b) Parametric Cost Estimating Used to Develop Costs		NO
(c) Percent Complete As Of January 1998.....		40
(d) Date 35% Designed.....		DEC 1997
(e) Date Design Complete.....		JUN 1998
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) N		
(b) Where Design Was Most Recently Used		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....		100
(b) All Other Design Costs.....		50
(c) Total Design Cost.....		150
(d) Contract.....		140
(e) In-house.....		10
(4) Construction Start.....		FEB 1999

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Fort Lewis, Washington		
4. PROJECT TITLE Tank Trail Erosion Mitigation-Yakima		5. PROJECT NUMBER 44799
12. SUPPLEMENTAL DATA: (Continued)		
A. Estimated Design Data: (Continued)		
month & year		
B. Equipment associated with this project which will be provided from other appropriations:		
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated Cost <u>Or Requested (\$000)</u>
NONE		
Installation Engineer: COL Arthur B. Gravatt Phone Number: 206 967-3191		

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
	NUMBER	PROJECT TITLE				
Belgium		Belgium Various (USAREUR)				183
		Belgium Various				
	47225	Child Development Center	7,000	7,000	C	185
		Subtotal Belgium Various PART I	\$ 7,000	7,000		
		* TOTAL MCA FOR Belgium	\$ 7,000	7,000		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Belgium Various Belgium	4. COMMAND US Army Europe and Seventh Army		5. AREA CONSTRUCTION COST INDEX 0.00

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED		
	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	TOTAL	
A. AS OF 30 SEP 1996	0	0	0	0	0
B. END FY 2003	0	0	0	0	0

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	0
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	7,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	6,300
H. GRAND TOTAL.....	13,300

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM: NONE

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST
CODE		(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
740	Child Development Center	7,000
TOTAL		7,000
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

REMARKS :

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1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Belgium Various Belgium				4. PROJECT TITLE Child Development Center		
5. PROGRAM ELEMENT 88719A		6. CATEGORY CODE 740	7. PROJECT NUMBER 47225		8. PROJECT COST (\$000) Auth 7,000 Approp 7,000	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	. COST (\$000)
<u>PRIMARY FACILITY</u>						5,177
Child Development Center			m2	1,482	2,852	(4,227)
Playground with equipment			LS	--	--	(950)
<u>SUPPORTING FACILITIES</u>						1,043
Electric Service			LS	--	--	(96)
Water, Sewer, Gas			LS	--	--	(189)
Paving, Walks, Curbs And Gutters			LS	--	--	(196)
Storm Drainage			LS	--	--	(163)
Site Imp(371) Demo()			LS	--	--	(371)
Information Systems			LS	--	--	(28)
ESTIMATED CONTRACT COST						6,220
CONTINGENCY PERCENT (5.00%)						311
SUBTOTAL						6,531
SUPERVISION, INSPECTION & OVERHEAD (6.50%)						425
TOTAL REQUEST						6,956
TOTAL REQUEST (ROUNDED)						7,000
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10. Description of Proposed Construction Construct a standard-design child development center with fenced playground and storage shed. Project includes heating, ventilation and air conditioning (HVAC) mechanical equipment room, offices, classrooms, laundry room and kitchen. Supporting facilities include utilities; electric service; closed circuit television (CCTV) system; fire protection and alarm system; sprinkler system; paving, walks, curbs and gutters; access roads; storm drainage; information systems; and site improvements. Access for the handicapped will be provided.						
11. REQ: 138 m2 ADQT: 73 m2 SUBSTD: 138 m2						
PROJECT: Construct a standard-design child development center (198 child capacity). (Current Mission)						
REQUIREMENT: This project is required to provide a child development center (CDC) that complies with Department of Defense (DOD) and Army minimum fire, safety, and facility standards. The CDC will meet the mission essential, full day, part day, and hourly needs of US personnel assigned to the 80th Area Support Group.						

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Belgium Various, Belgium		
4. PROJECT TITLE Child Development Center	5. PROJECT NUMBER 47225	
<p><u>CURRENT SITUATION:</u> The 80th Area Support Group (ASG) child care facilities fail to permanently meet statutory fire, safety, and health minimum standards. In accordance with Public Law, Department of Defense (DOD) and Headquarters, Department of the Army (HQDA) directives, it is conditionally DOD certified with authorized temporary equivalencies to minimum standards. Some temporary fire protection measures have been installed in the main center to permit reduced child care operation. Existing main CDC is a deteriorating, 26 year old temporary facility which has exceeded its intended design life. It is a composite of three pre-fabricated temporary structures, built at different times and with different types of construction to respond to child care demands. Deterioration is due to the differing ages of the modular components. Intensive maintenance and repair is required to keep the facility in marginally acceptable condition. The inadequate insulation prevents appropriate temperature control throughout the facility. The second center serving 32 children, aged 4-12 years, shares facility space in the International School on the Kaserne. The multinational Memorandum of Agreement does not allow for upgrades to meet US standards. There are no other facilities available that could be renovated or converted to a child development center. The two child care facilities at 80th ASG are at maximum capacity (132). There is an excess demand waiting list of 109 with no other options. The family child care program capability is limited due to the lack of US owned/leased housing. The CDC is currently operating under provisional certification arrangements which allow the facility to remain open using temporary work arounds to deficiencies while a permanent solution is being worked out.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, continued operations in the main facility will be forced to be abbreviated and the use of the main facility will be restricted as sections of the structure continue to erode and fail. Constant and intense repair and maintenance investments will be required to keep the facility operational, if only on a limited basis. The 80th ASG, in Mons, Belgium, has no other alternatives to move or relocate. Military families and children will have no safe authorized child care option. Local host nation child care services are extremely limited and are incompatible with US military mission essential child care needs, and are cost-prohibitive. Additionally, US soldiers and family members on the excess demand waiting list will not be served.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project. This project is not eligible for NATO infrastructure funding.</p>		

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Belgium Various, Belgium		
4. PROJECT TITLE Child Development Center		5. PROJECT NUMBER 47225
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		<u>JAN 1997</u>
(b) Parametric Cost Estimating Used to Develop Costs		<u>NO</u>
(c) Percent Complete As Of January 1998.....		<u>50</u>
(d) Date 35% Designed.....		<u>MAY 1997</u>
(e) Date Design Complete.....		<u>JUN 1998</u>
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO)		
(b) Where Design Was Most Recently Used		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....		<u>350</u>
(b) All Other Design Costs.....		<u>150</u>
(c) Total Design Cost.....		<u>500</u>
(d) Contract.....		<u>400</u>
(e) In-house.....		<u>100</u>
(4) Construction Start..... <u>MAR 1999</u>		
month & year		
<p>Installation Engineer: Major Peter Eliasson</p> <p>Phone Number: DSN 361-5551</p>		

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
Germany		Germany Various (USAREUR)				191
		Wuerzburg				
	46826	Child Development Center	4,850	4,850	N	193
		Subtotal Germany Various PART I	\$ 4,850	4,850		
		* TOTAL MCA FOR Germany	\$ 4,850	4,850		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997																																													
3. INSTALLATION AND LOCATION Germany Various Germany		4. COMMAND US Army Europe and Seventh Army		5. AREA CONSTRUCTION COST INDEX 1.78																																												
6. PERSONNEL STRENGTH: <table style="width: 100%; border: none;"> <tr> <th></th> <th colspan="3">PERMANENT</th> <th colspan="3">STUDENTS</th> <th colspan="3">SUPPORTED</th> <th></th> </tr> <tr> <th></th> <th>OFFICER</th> <th>ENLIST</th> <th>CIVIL</th> <th>OFFICER</th> <th>ENLIST</th> <th>CIVIL</th> <th>OFFICER</th> <th>ENLIST</th> <th>CIVIL</th> <th>TOTAL</th> </tr> <tr> <td>A. AS OF 30 SEP 1996</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>B. END FY 2003</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </table>						PERMANENT			STUDENTS			SUPPORTED					OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	A. AS OF 30 SEP 1996	0	0	0	0	0	0	0	0	0	0	B. END FY 2003	0	0	0	0	0	0	0	0	0	0
	PERMANENT			STUDENTS			SUPPORTED																																									
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL																																						
A. AS OF 30 SEP 1996	0	0	0	0	0	0	0	0	0	0																																						
B. END FY 2003	0	0	0	0	0	0	0	0	0	0																																						
7. INVENTORY DATA (\$000) <table style="width: 100%; border: none;"> <tr> <td>A. TOTAL AREA.....</td> <td style="text-align: right;">0 ha</td> </tr> <tr> <td>B. INVENTORY TOTAL AS OF 30 SEP 1996.....</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. AUTHORIZATION NOT YET IN INVENTORY.....</td> <td style="text-align: right;">409,434</td> </tr> <tr> <td>D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....</td> <td style="text-align: right;">43,000</td> </tr> <tr> <td>E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....</td> <td style="text-align: right;">4,850</td> </tr> <tr> <td>F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....</td> <td style="text-align: right;">0</td> </tr> <tr> <td>G. REMAINING DEFICIENCY.....</td> <td style="text-align: right;">1,459,931</td> </tr> <tr> <td>H. GRAND TOTAL.....</td> <td style="text-align: right;">1,917,215</td> </tr> </table>					A. TOTAL AREA.....	0 ha	B. INVENTORY TOTAL AS OF 30 SEP 1996.....	0	C. AUTHORIZATION NOT YET IN INVENTORY.....	409,434	D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	43,000	E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	4,850	F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0	G. REMAINING DEFICIENCY.....	1,459,931	H. GRAND TOTAL.....	1,917,215																												
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8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM: <table style="width: 100%; border: none;"> <tr> <th colspan="3">CATEGORY PROJECT</th> <th>COST</th> <th colspan="2">DESIGN STATUS</th> </tr> <tr> <th>CODE</th> <th>NUMBER</th> <th>PROJECT TITLE</th> <th>(\$000)</th> <th>START</th> <th>COMPLETE</th> </tr> <tr> <td>721</td> <td>44954</td> <td>Whole Barracks Complex Renewal</td> <td style="text-align: right;">6,200</td> <td>01/1994</td> <td>10/1997</td> </tr> <tr> <td>721</td> <td>47300</td> <td>Whole Barracks Complex Renewal</td> <td style="text-align: right;">22,000</td> <td>03/1997</td> <td>02/1998</td> </tr> <tr> <td>721</td> <td>47282</td> <td>Whole Barracks Complex Renewal</td> <td style="text-align: right;">6,000</td> <td>03/1997</td> <td>01/1998</td> </tr> <tr> <td>721</td> <td>47941</td> <td>Whole Barracks Complex Renewal</td> <td style="text-align: right;">8,800</td> <td>01/1996</td> <td>11/1997</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right;">43,000</td> <td colspan="2"></td> </tr> </table>					CATEGORY PROJECT			COST	DESIGN STATUS		CODE	NUMBER	PROJECT TITLE	(\$000)	START	COMPLETE	721	44954	Whole Barracks Complex Renewal	6,200	01/1994	10/1997	721	47300	Whole Barracks Complex Renewal	22,000	03/1997	02/1998	721	47282	Whole Barracks Complex Renewal	6,000	03/1997	01/1998	721	47941	Whole Barracks Complex Renewal	8,800	01/1996	11/1997	TOTAL			43,000				
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TOTAL			43,000																																													
9. FUTURE PROJECTS: <table style="width: 100%; border: none;"> <tr> <th>CATEGORY</th> <th>PROJECT TITLE</th> <th>COST</th> </tr> <tr> <th>CODE</th> <th></th> <th>(\$000)</th> </tr> <tr> <td colspan="3">A. REQUESTED IN THE FY 1999 PROGRAM:</td> </tr> <tr> <td>740</td> <td>Child Development Center</td> <td style="text-align: right;">4,850</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td style="text-align: right;">4,850</td> </tr> <tr> <td colspan="3">B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE</td> </tr> </table>					CATEGORY	PROJECT TITLE	COST	CODE		(\$000)	A. REQUESTED IN THE FY 1999 PROGRAM:			740	Child Development Center	4,850	TOTAL		4,850	B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE																												
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CODE		(\$000)																																														
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TOTAL		4,850																																														
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE																																																
10. MISSION OR MAJOR FUNCTIONS: Support of US Army, Europe and Seventh Army.																																																

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997						
INSTALLATION AND LOCATION: Germany Various Germany								
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <div style="text-align: right; margin-right: 50px;">(\$000)</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">A. AIR POLLUTION</td> <td style="width: 20%; text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>			A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
A. AIR POLLUTION	0							
B. WATER POLLUTION	0							
C. OCCUPATIONAL SAFETY AND HEALTH	0							
REMARKS :								

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Kitzingen Family Housing Wuerzburg, Germany			4. PROJECT TITLE Child Development Center		
5. PROGRAM ELEMENT 88719A	6. CATEGORY CODE 740	7. PROJECT NUMBER 46826	8. PROJECT COST (\$000) Auth 4,850 Approp 4,850		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					3,619
Child Development Center		m2	1,078	2,978	(3,209)
Playground, General Purpose		m2	1,347	304.08	(410)
<u>SUPPORTING FACILITIES</u>					696
Electric Service		LS	---	---	(32)
Water, Sewer, Gas		LS	---	---	(116)
Steam And/Or Chilled Water Distr		LS	---	---	(50)
Paving, Walks, Curbs And Gutters		LS	---	---	(127)
Storm Drainage		LS	---	---	(6)
Site Imp(173) Demo(100)		LS	---	---	(273)
Installed Equipment		LS	---	---	(42)
ESTIMATED CONTRACT COST					4,315
CONTINGENCY PERCENT (5.00%)					216
SUBTOTAL					4,531
SUPERVISION, INSPECTION & OVERHEAD (6.50%)					295
TOTAL REQUEST					4,826
TOTAL REQUEST (ROUNDED)					4,850
INSTALLED EQT-OTHER APPROPRIATIONS					(0)
10. Description of Proposed Construction Construct a standard-design child development center (CDC). Project includes installed equipment, surveillance camera system, fenced playground and storage shed. A sound wall will be installed to decrease the detrimental effects of the adjacent highway and to provide a measure of safety and security to the site. Provide parking and traffic circulation improvements. Project also includes patron reception, isolation room, commercial kitchen, storage and supply rooms, toilets, diapering stations, laundry rooms, infant, toddler, preschool, school-age activities rooms, motor music areas, imaginative play area, staff lounge, and offices. Supporting facilities include utilities; electric service; fire detection and alarm systems, and sprinkler system; paving, walks, curbs and gutters; access roads; storm drainage; information systems; and site improvements. Heating will be provided by connection to central heating plant. Domestic hot water will be furnished by a heat exchanger connected to the district heat system. Air conditioning: 40 tons. Access for the handicapped will be provided. Demolish two buildings.					
11. REQ:		1,078 m2	ADQT:	NONE	SUBSTD: 657 m2
PROJECT: Construct a standard-design child development center (145 child					

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Kitzingen Family Housing, Wuerzburg, Germany		
4. PROJECT TITLE	5. PROJECT NUMBER	
Child Development Center	46826	
<p>PROJECT: (CONTINUED)</p> <p>capacity). (Current Mission)</p> <p>REQUIREMENT: This project is required to provide safe and healthy environment for dependent children, ages 0-12 years, that will meet Department of Army requirements. The project will provide center-based developmental child care services for the families of the 3,829 military personnel and Department of the Army civilian employees stationed in and around the Kitzingen area, comprising Harvey and Larson Barracks and leased housing in local municipalities.</p> <p>CURRENT SITUATION: The Kitzingen child development center is located in three combustible temporary, prefabricated structures that are 20 years beyond their design life. The entire CDC complex is a makeshift collection of relocatable facilities that were moved on-site to meet mission essential child care demands. The facilities were never designed or intended to function as a child care facility. The three unconnected facilities comprising the present CDC do not comply with minimum fire safety and health standards and cannot be modified to meet the standards. The facility is structurally unsound and constant maintenance and repair efforts are required to sustain it. In accordance with Public Law, Department of Defense (DOD) and Headquarters, Department of the Army (HQDA) directives Kitzingen (SHAPE) is conditionally DOD certified with authorized temporary equivalencies to minimum standards in place. A collapsed ceiling and roof in one of the modules forced a temporary closure for approximately six months. The electrical system cannot support the power needs of the CDC including the electric heat. The kitchen is inefficient and has inadequate utilities to support and house the needed commercial and domestic appliances. It fails to meet USDA requirements. In 1994 an electrical fire occurred in the kitchen during non-operational hours. Kitchen size necessitates that the freezer and refrigerator be located in the laundry room. There is minimal storage resulting in staff wasting valuable time making multiple trips to purchase food and supplies. Makeshift workarounds are in place to meet sanitation requirements. Two of the modules have restricted use due to the lack of ventilation and sprinklers. Additional staffing is required to ensure the child abuse risk is minimized due to the configuration of the modules and small rooms. To maintain security and control, parents must enter the CDC through one module, proceed through child classrooms and exit to the outside playground before they can enter their child's module and classroom. The playground is inadequate to meet the enrollment and cannot be modified due to the location of the facility and the steep sloping hill that abuts the elementary school site. Patron and staff parking is shared with other agencies. Access to the CDC is blocked four times daily during bus pickup and drop-off at the school. The existing facilities are used to capacity and family child care is minimized. There are no other safe authorized child care options. There are no renovation or other facility conversion alterations possible. Soldiers wait for an inordinate time on the command waiting list. Civilian centers on the local German economy have limited spaces available for</p>		

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
ARMY			31 JAN 1997
3. INSTALLATION AND LOCATION			
Kitzingen Family Housing, Wuerzburg, Germany			
4. PROJECT TITLE		5. PROJECT NUMBER	
Child Development Center		46826	
12. SUPPLEMENTAL DATA: (Continued)			
A. Estimated Design Data: (Continued)			
(e) In-house.....			100
(4) Construction Start.....			JAN 1999 month & year
B. Equipment associated with this project which will be provided from other appropriations:			
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
NONE			
<p>Installation Engineer: Major Bruce Brown</p> <p>Phone Number: DSN 354-1560</p>			

DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
	NUMBER	PROJECT TITLE				
Korea		Korea Various (EUSA)				199
		Eastern Corridor				
		Camp Humphreys				
	48915	Whole Barracks Complex Renewal	11,800	11,800	N	201
		Combined Field Army				
	48914	Whole Barracks Complex Renewal	8,100	8,100	N	204
		Eastern Corridor				
	47352	Whole Barracks Complex Renewal	25,000	25,000	N	207
	47353	Whole Barracks Complex Renewal	18,600	18,600	C	210
		Subtotal Korea Various PART I	\$ 63,500	63,500		
		* TOTAL MCA FOR Korea	\$ 63,500	63,500		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Korea Various Korea	4. COMMAND Eighth United States Army	5. AREA CONSTRUCTION COST INDEX 1.12

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	0	0	0	0	0	0	0	0	0	0
B. END FY 2003	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	151,487
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	76,100
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	63,500
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	27,600
G. REMAINING DEFICIENCY.....	467,343
H. GRAND TOTAL.....	786,030

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:					
CATEGORY	PROJECT		COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE	(\$000)	START	COMPLETE
721	45705	Whole Barracks Complex Renewal	8,400	05/1996	07/1997
721	45704	Whole Barracks Complex Renewal	7,000	05/1996	07/1997
721	45703	Whole Barracks Complex Renewal	23,600	05/1996	07/1997
722	48909	Whole Barracks Complex Renewal	5,100	01/1997	01/1998
721	49018	Whole Barracks Complex Renewal	32,000	02/1997	12/1997
TOTAL			76,100		

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
721	Whole Barracks Complex Renewal	8,100
721	Whole Barracks Complex Renewal	18,600
721	Whole Barracks Complex Renewal	25,000
721	Whole Barracks Complex Renewal	11,800
TOTAL		63,500
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

The Eighth United States Army (EUSA) exercises command and control over all assigned EUSA units. Organizes, equips, trains, and employs forces assigned to ensure optimum readiness for combat operations.

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997								
<p>INSTALLATION AND LOCATION: Korea Various Korea</p>										
<p>10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED)</p> <p>Attains and maintains a posture of combat readiness to deter successfully any attack upon the Republic of Korea. If deterrence fails, EUSA will conduct sustained Army, joint, and combined military operations to defeat the enemy. Provides logistical and administrative support for forces, including Headquarters, United Nations Command (HQ UNC), in order to fulfill the operational requirements of ROK-US CFC and USFK. Provides support to other commands, agencies, services, nonassigned US Army forces and ROK armed forces as directed by higher authority.</p>										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table> <tr> <td></td> <td>(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td>0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td>0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td>0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p>										
<p></p>										

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Camp Humphreys Camp Humphreys, Korea				4. PROJECT TITLE Whole Barracks Complex Renewal		
5. PROGRAM ELEMENT 22496A		6. CATEGORY CODE 721	7. PROJECT NUMBER 48915		8. PROJECT COST (\$000) Auth 11,800 Approp 11,800	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY						9,610
Barracks			m2	4,565	1,465	(6,688)
Company Operations			m2	772	1,380	(1,065)
Pile Foundations			LS	--	--	(314)
Utilities Upgrade			LS	--	--	(1,218)
IDS Installation			LS	--	--	(20)
Building Information Systems			LS	--	--	(305)
SUPPORTING FACILITIES						997
Electric Service			LS	--	--	(180)
Water, Sewer, Gas			LS	--	--	(182)
Paving, Walks, Curbs And Gutters			LS	--	--	(82)
Storm Drainage			LS	--	--	(62)
Site Imp(232) Demo(6)			LS	--	--	(238)
Information Systems			LS	--	--	(162)
Fuel Oil Tank			LS	--	--	(91)
ESTIMATED CONTRACT COST						10,607
CONTINGENCY PERCENT (5.00%)						530
SUBTOTAL						11,137
SUPERVISION, INSPECTION & OVERHEAD (6.50%)						724
TOTAL REQUEST						11,861
TOTAL REQUEST (ROUNDED)						11,800
INSTALLED EQT-OTHER APPROPRIATIONS						()
10. Description of Proposed Construction Construct a barracks, company operations facility, and upgrade utilities. Project includes living/sleeping rooms, semi-private baths, storage, laundry, mud room, dayroom, and pile foundation. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; security lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; sewer systems; fuel oil storage tanks; information systems; and site improvements. Heating will be provided by self-contained oil-fired systems. Air conditioning: 140 tons. Demolish one building (145 m2) with asbestos removal within the footprint. Provide comprehensive building and furnishings related interior design services.						
11. REQ: 6,200 PN ADQT: 2,072 PN SUBSTD: 482 PN						
PROJECT: Construct one standard-design barracks and a company operations facility. (Current Mission)						
REQUIREMENT: This project is required to provide an adequate barracks and a company operations facility. These facilities are urgently needed to meet the needs of a chemical company and other units at Camp Humphreys. This project will provide housing for a total (intended utilization) of 174 enlisted						

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Camp Humphreys, Camp Humphreys, Korea		
4. PROJECT TITLE	5. PROJECT NUMBER	
Whole Barracks Complex Renewal	48915	
<p><u>REQUIREMENT: (CONTINUED)</u> personnel (116 E1-E4, 58 E5-E6). Maximum utilization for the barracks is 232 personnel.</p> <p><u>CURRENT SITUATION:</u> Soldiers assigned to units at Camp Humphreys are overcrowded and housed in substandard barracks. The substandard barracks are deteriorated, lack adequate space, waste energy, and are becoming structurally unsound. The housing situation has worsened with the recent stationing of an Apache attack helicopter battalion and brigade headquarters, planned restationing of a Patriot Battalion (-), and planned stationing of a chemical company. These substandard living conditions have a significant negative impact on the health, morale and mission readiness of the soldiers and units they serve.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, soldiers will continue to live and work under reduced space conditions in substandard buildings. Stationing of a chemical company will be impaired or delayed. Wasteful energy consumption and high maintenance expenditures will continue on buildings that have surpassed their useful life. These situations will persist and adversely affect the soldiers' morale and unit readiness.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and physical security and/or combatting terrorism (CBT/T) measures are not required. This project complies with the scope and design criteria of DoD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. During the past two years, \$2.9 million has been spent on RPM for unaccompanied enlisted personnel housing at Camp Humphreys. Upon completion of this project, the remaining permanent party requirement is 4,012 spaces at this installation.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	JAN 1997	
(b) Parametric Cost Estimating Used to Develop Costs	NO	
(c) Percent Complete As Of January 1998.....	40	
(d) Date 35% Designed.....	DEC 1997	
(e) Date Design Complete.....	AUG 1998	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) Y		
(b) Where Design Was Most Recently Used	Camp Humphreys	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)	

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997																		
3. INSTALLATION AND LOCATION Camp Humphreys, Camp Humphreys, Korea																				
4. PROJECT TITLE Whole Barracks Complex Renewal	5. PROJECT NUMBER 48915																			
<p>12. <u>SUPPLEMENTAL DATA:</u> (Continued)</p> <p style="margin-left: 40px;">A. Estimated Design Data: (Continued)</p> <table style="margin-left: 80px; width: 80%;"> <tr><td>(a) Production of Plans and Specifications.....</td><td style="text-align: right;">245</td></tr> <tr><td>(b) All Other Design Costs.....</td><td style="text-align: right;">218</td></tr> <tr><td>(c) Total Design Cost.....</td><td style="text-align: right;">463</td></tr> <tr><td>(d) Contract.....</td><td style="text-align: right;">245</td></tr> <tr><td>(e) In-house.....</td><td style="text-align: right;">218</td></tr> </table> <p style="margin-left: 40px;">(4) Construction Start..... <u>MAR 1999</u> month & year</p> <p style="margin-left: 40px;">B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="margin-left: 80px; width: 100%;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u> <u>Nomenclature</u></th> <th style="text-align: left;"><u>Procuring</u> <u>Appropriation</u></th> <th style="text-align: left;"><u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u></th> <th style="text-align: left;"><u>Cost</u> <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center; height: 100px;">NA</td> </tr> </tbody> </table>			(a) Production of Plans and Specifications.....	245	(b) All Other Design Costs.....	218	(c) Total Design Cost.....	463	(d) Contract.....	245	(e) In-house.....	218	<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>	NA			
(a) Production of Plans and Specifications.....	245																			
(b) All Other Design Costs.....	218																			
(c) Total Design Cost.....	463																			
(d) Contract.....	245																			
(e) In-house.....	218																			
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>																	
NA																				
Installation Engineer: Mr. Richard Bain Phone Number: DSN (315) 753-6050																				

1. COMPONENT		FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE	
ARMY					31 JAN 1997	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE		
Camp Stanley Combined Field Army, Korea				Whole Barracks Complex Renewal		
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
22496A		721	48914	Auth 8,100 Approp 8,100		
9. COST ESTIMATES						
ITEM				U/M	QUANTITY	UNIT COST
<u>PRIMARY FACILITY</u>						6,550
Barracks				m2	4,090	1,487 (6,082)
Pile Foundation				LS	--	(220)
Building Information Systems				LS	--	(248)
<u>SUPPORTING FACILITIES</u>						676
Electric Service				LS	--	(42)
Water, Sewer, Gas				LS	--	(307)
Paving, Walks, Curbs And Gutters				LS	--	(38)
Storm Drainage				LS	--	(31)
Site Imp(186) Demo(20)				LS	--	(206)
Information Systems				LS	--	(30)
Fuel Tank 5000 Gal				LS	--	(22)
ESTIMATED CONTRACT COST						7,226
CONTINGENCY PERCENT (5.00%)						361
SUBTOTAL						7,587
SUPERVISION, INSPECTION & OVERHEAD (6.50%)						493
TOTAL REQUEST						8,080
TOTAL REQUEST (ROUNDED)						8,100
INSTALLED EQT-OTHER APPROPRIATIONS						()
10. Description of Proposed Construction Construct one standard design barracks. Project includes living/sleeping rooms, semi-private baths, storage, laundry, mud room, day room, and pile foundation. Supporting facilities include utilities; electric service; security lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; sewer systems; fuel oil storage tanks; information systems; and site improvements. Heating will be provided by a self-contained oil-fired system. Air conditioning: 90 tons. Demolish four buildings (529 M2) with asbestos removal within the footprint. Provide comprehensive building and furnishings related interior design services.						
11. REQ: 3,700 PN ADQT: 1,265 PN SUBSTD: 45 PN PROJECT: Construct one standard-design barracks. (Current Mission) REQUIREMENT: This project is required to provide adequate barracks. This facility is urgently needed to meet the needs of aviation and artillery units of the 2nd Infantry Division. This project will provide housing for a total (intended utilization) of 130 enlisted personnel (80 E1-E4, 40 E5-E6, 10 E7-E9). Maximum utilization for the barracks is 200 personnel.						

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997																		
3. INSTALLATION AND LOCATION Camp Stanley, Combined Field Army, Korea																				
4. PROJECT TITLE Whole Barracks Complex Renewal	5. PROJECT NUMBER 48914																			
<p><u>CURRENT SITUATION:</u> Soldiers assigned to these units are housed in overcrowded and substandard quonsets. These substandard facilities are deteriorated, lack adequate space, waste energy, and are becoming structurally unsound. These substandard living conditions have a significant negative impact on the health, morale and mission readiness of the soldiers and units they serve.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, these soldiers will continue to live under reduced space conditions in substandard buildings. Wasteful energy consumption and high maintenance expenditures will continue on buildings that have surpassed their useful life. These situations will persist and adversely affect the soldiers' morale and unit readiness.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994, and all subsequent revisions. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. During the past two years, \$3.1 million has been spent on RPM for unaccompanied enlisted personnel housing at Camp Stanley. Upon completion of this project, the remaining permanent party requirement is 2,335 spaces at this installation.</p>																				
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <div style="margin-left: 40px;"> <p>(1) Status:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(a) Date Design Started.....</td> <td style="text-align: right;">JAN 1997</td> </tr> <tr> <td>(b) Parametric Cost Estimating Used to Develop Costs</td> <td style="text-align: right;">NO</td> </tr> <tr> <td>(c) Percent Complete As Of January 1998.....</td> <td style="text-align: right;">40</td> </tr> <tr> <td>(d) Date 35% Designed.....</td> <td style="text-align: right;">DEC 1997</td> </tr> <tr> <td>(e) Date Design Complete.....</td> <td style="text-align: right;">AUG 1998</td> </tr> </table> <p>(2) Basis:</p> <div style="margin-left: 40px;"> <p>(a) Standard or Definitive Design - (YES/NO) Y</p> <p>(b) Where Design Was Most Recently Used</p> <p style="margin-left: 40px;">Camp Casey</p> </div> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(a) Production of Plans and Specifications.....</td> <td style="text-align: right;">180</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right;">160</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right;">340</td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right;">180</td> </tr> </table> </div>			(a) Date Design Started.....	JAN 1997	(b) Parametric Cost Estimating Used to Develop Costs	NO	(c) Percent Complete As Of January 1998.....	40	(d) Date 35% Designed.....	DEC 1997	(e) Date Design Complete.....	AUG 1998	(a) Production of Plans and Specifications.....	180	(b) All Other Design Costs.....	160	(c) Total Design Cost.....	340	(d) Contract.....	180
(a) Date Design Started.....	JAN 1997																			
(b) Parametric Cost Estimating Used to Develop Costs	NO																			
(c) Percent Complete As Of January 1998.....	40																			
(d) Date 35% Designed.....	DEC 1997																			
(e) Date Design Complete.....	AUG 1998																			
(a) Production of Plans and Specifications.....	180																			
(b) All Other Design Costs.....	160																			
(c) Total Design Cost.....	340																			
(d) Contract.....	180																			

1. COMPONENT		2. DATE	
ARMY		31 JAN 1997	
3. INSTALLATION AND LOCATION			
Camp Stanley, Combined Field Army, Korea			
4. PROJECT TITLE		5. PROJECT NUMBER	
Whole Barracks Complex Renewal		48914	
12. SUPPLEMENTAL DATA: (Continued)			
A. Estimated Design Data: (Continued)			
(e) In-house.....			160
(4) Construction Start.....			MAR 1999 month & year
B. Equipment associated with this project which will be provided from other appropriations:			
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
NA			
<p>Installation Engineer: MAJ Curt L. Hoover</p> <p>Phone Number: DSN 315 732-6225</p>			

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Camp Castle Eastern Corridor, Korea			4. PROJECT TITLE Whole Barracks Complex Renewal		
5. PROGRAM ELEMENT 22496A		6. CATEGORY CODE 721	7. PROJECT NUMBER 47352	8. PROJECT COST (\$000) Auth 25,000 Approp 25,000	
9. COST ESTIMATES					
ITEM			U/M	QUANTITY	UNIT COST COST (\$000)
PRIMARY FACILITY					19,465
Barracks			m2	4,159	1,487 (6,184)
Company Operations			m2	2,317	1,327 (3,075)
Dining Facility			m2	1,536	2,183 (3,353)
Unaccompanied Officers Quarters			m2	3,420	1,400 (4,788)
Pile Foundation			LS	--	(1,448)
Total from Continuation page					(617)
SUPPORTING FACILITIES					2,556
Electric Service			LS	--	(231)
Water, Sewer, Gas			LS	--	(303)
Paving, Walks, Curbs And Gutters			LS	--	(348)
Storm Drainage			LS	--	(546)
Site Imp(322) Demo(351)			LS	--	(673)
Information Systems			LS	--	(240)
Fuel Oil Tank			LS	--	(215)
ESTIMATED CONTRACT COST					22,021
CONTINGENCY PERCENT (5.00%)					1,101
SUBTOTAL					23,122
SUPERVISION, INSPECTION & OVERHEAD (6.50%)					1,503
TOTAL REQUEST					24,625
TOTAL REQUEST (ROUNDED)					25,000
INSTALLED EQT-OTHER APPROPRIATIONS					()
10. Description of Proposed Construction Construct one barracks, three company operations facilities, dining facility, and unaccompanied officer personnel housing. Project includes living/sleeping rooms, baths, storage, laundry, mud room, dayroom, and pile foundation. Install intrusion detection systems (IDS). Supporting facilities include all utilities; electric service; security lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; sewer systems; fuel oil storage tanks; information systems; and site improvements. Heating will be provided by self-contained oil-fired systems. Air conditioning is estimated at 300 tons. Demolish 20 buildings (5,675 m2) with asbestos removal within the footprint of the project. Provide comprehensive building and furnishings related interior design services.					
11. REQ: 680 PN ADQT: — 224 PN SUBSTD: 272 PN PROJECT: Construct one standard-design barracks, three company operations facilities, dining facility, and unaccompanied officer personnel housing. (Current Mission)					

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE																									
ARMY		31 JAN 1997																									
3. INSTALLATION AND LOCATION																											
Camp Castle, Eastern Corridor, Korea																											
4. PROJECT TITLE	5. PROJECT NUMBER																										
Whole Barracks Complex Renewal	47352																										
<p><u>9. COST ESTIMATES (CONTINUED)</u></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Item</u></th> <th style="text-align: center;"><u>U/M</u></th> <th style="text-align: center;"><u>QTY</u></th> <th style="text-align: center;"><u>Unit COST</u></th> <th style="text-align: right;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="5"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td>IDS Installation</td> <td style="text-align: center;">LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(30)</td> </tr> <tr> <td>Building Information Systems</td> <td style="text-align: center;">LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(587)</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: right;">Total</td> <td style="text-align: right;">617</td> </tr> </tbody> </table> <p><u>REQUIREMENT:</u> This project is required to provide adequate enlisted barracks, dining facility, officer housing, and three company operations facilities. These facilities are urgently needed to meet the needs of a combat engineer battalion of the 2nd Infantry Division. This project will provide housing for a total (intended utilization) of 151 enlisted personnel (102 E1-E4, 49 E5-E6). Maximum utilization for the barracks is 200 personnel.</p> <p><u>CURRENT SITUATION:</u> Soldiers and officers assigned to this unit are housed in overcrowded, substandard H-relocatable buildings. These substandard facilities are deteriorated, lack adequate space, waste energy, and are becoming structurally unsound. Soldiers in the battalion eat in an overcrowded, substandard dining facility constructed in the 1950. The dining facility consists of several interconnected quonset structures which have outlasted their useful life. The substandard dining facility is deteriorated, lacks adequate space, wastes energy, has limited window air conditioning units, and is becoming structurally unsound. The dining facility cannot be upgraded to current standards nor support modern dining facility equipment. These substandard living and working conditions have a significant negative impact on the health, morale and mission readiness of the soldiers and units they serve.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, these soldiers will continue to live, eat, and work together under reduced space conditions in substandard buildings. Wasteful energy consumption and high maintenance expenditures will continue on buildings that have surpassed their useful life. These situations will persist and adversely affect the soldiers' morale and unit readiness.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994, and all subsequent revisions. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. During the past two years, \$348 thousand has been spent on RPM for unaccompanied enlisted personnel housing at Camp Castle. Upon completion of this project, the remaining permanent party requirement is 356 spaces at</p>			<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>	<u>PRIMARY FACILITY (CONTINUED)</u>					IDS Installation	LS	--	--	(30)	Building Information Systems	LS	--	--	(587)				Total	617
<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>																							
<u>PRIMARY FACILITY (CONTINUED)</u>																											
IDS Installation	LS	--	--	(30)																							
Building Information Systems	LS	--	--	(587)																							
			Total	617																							

1. COMPONENT		FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE	
ARMY					31 JAN 1997	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Camp Casey Eastern Corridor, Korea			Whole Barracks Complex Renewal			
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
22496A		721	47353	Auth 18,600 Approp 18,600		
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					14,279	
Barracks		m2	8,180	1,430	(11,697)	
Company Operations		m2	1,544	1,327	(2,049)	
Pile Foundations		LS	--	--	(377)	
IDS Installation		LS	--	--	(20)	
Building Information Systems		LS	--	--	(136)	
<u>SUPPORTING FACILITIES</u>					2,354	
Electric Service		LS	--	--	(363)	
Water, Sewer, Gas		LS	--	--	(301)	
Paving, Walks, Curbs And Gutters		LS	--	--	(208)	
Storm Drainage		LS	--	--	(263)	
Site Imp(283) Demo(688)		LS	--	--	(971)	
Information Systems		LS	--	--	(176)	
Other		LS	--	--	(72)	
ESTIMATED CONTRACT COST					16,633	
CONTINGENCY PERCENT (5.00%)					832	
SUBTOTAL					17,465	
SUPERVISION, INSPECTION & OVERHEAD (6.50%)					1,135	
TOTAL REQUEST					18,600	
TOTAL REQUEST (ROUNDED)					18,600	
INSTALLED EQT-OTHER APPROPRIATIONS					()	
10. Description of Proposed Construction Construct two standard-design barracks and two medium company operations facilities. Project includes living/sleeping rooms, semi-private baths, storage, laundry, mud room, dayroom, and pile foundation. Install two intrusion detection systems (IDS). Supporting facilities include utilities; electric service; security lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; sewer systems; fuel oil storage tanks; information systems; and site improvements. Heating will be provided by self-contained oil-fired systems. Air conditioning: 280 tons. Demolish 13 buildings (2,247 m2) with asbestos removal within the footprint. Provide comprehensive building and furnishings related interior design services.						
11. REQ: 7,900 PN ADQT: 3,611 PN SUBSTD: 694 PN PROJECT: Construct two standard-design barracks and two standard-design medium company operations facilities. (Current Mission) REQUIREMENT: This project is required to provide adequate barracks and company operations facilities. These facilities are urgently needed to meet the needs of units of the 2nd Infantry Division. This project will provide housing for a total (intended utilization) of 302 enlisted personnel (204						

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Camp Casey, Eastern Corridor, Korea		
4. PROJECT TITLE	5. PROJECT NUMBER	
Whole Barracks Complex Renewal	47353	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>E1-E4, 98 E5-E6) for the 1st Battalion 503rd Infantry and 302nd Forward Support Battalion. Maximum utilization for the barracks is 400 personnel.</p> <p><u>CURRENT SITUATION:</u> If this project is not provided, these soldiers will continue to live and work together under reduced space conditions in substandard buildings. Wasteful energy consumption and high maintenance expenditures will continue on buildings that have surpassed their useful life. These situations will persist and adversely affect the soldiers' morale and unit readiness.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, these soldiers will continue to live, eat, and work together under reduced space conditions in substandard buildings. Wasteful energy consumption and high maintenance expenditures will continue on buildings that have surpassed their useful life. These situations will persist and adversely affect the soldiers' morale and unit readiness.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. During the past two years, \$5.4 million has been spent on RPM for unaccompanied enlisted personnel housing at Camp Casey. Upon completion of this project, the remaining permanent party requirement is 4,289 spaces at this installation.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	JAN 1997	
(b) Parametric Cost Estimating Used to Develop Costs	NO	
(c) Percent Complete As Of January 1998.....	40	
(d) Date 35% Designed.....	DEC 1997	
(e) Date Design Complete.....	AUG 1998	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) Y		
(b) Where Design Was Most Recently Used		
Camp Casey		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....	430	
(b) All Other Design Costs.....	320	
(c) Total Design Cost.....	750	

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Camp Casey, Eastern Corridor, Korea		
4. PROJECT TITLE	5. PROJECT NUMBER	
Whole Barracks Complex Renewal	47353	
12. SUPPLEMENTAL DATA: (Continued)		
A. Estimated Design Data: (Continued)		
(d) Contract.....		430
(e) In-house.....		320
(4) Construction Start.....		MAR 1999
		month & year
<p>Installation Engineer: LTC Gary J. Pesano</p> <p>Phone Number: DSN (315) 730-3659</p>		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Kwajalein		Kwajalein Atoll (USASDC)				215
		Kwajalein Atoll				
	17575	Unaccompanied Personnel Housing Renovation	20,000	20,000		217
	20631	Unaccompanied Personnel Housing Renovation	8,500	8,500		221
	33149	Power Plant - Roi Namur Island	49,000	49,000		225
		Subtotal Kwajalein Atoll PART I	\$ 77,500	77,500		
		* TOTAL MCA FOR Kwajalein	\$ 77,500	77,500		
		** TOTAL OUTSIDE THE UNITED STATES FOR MCA	\$ 152,850	152,850		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Kwajalein Atoll Kwajalein	4. COMMAND US Army Space and Strategic Defense Command		5. AREA CONSTRUCTION COST INDEX 2.54

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	18	8	69	0	0	0	0	0	1565	1,660
B. END FY 2003	18	9	69	0	0	0	0	0	1443	1,539

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	1,444 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	358,333
C. AUTHORIZATION NOT YET IN INVENTORY.....	95,804
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	0
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	77,500
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	127,025
H. GRAND TOTAL.....	658,662

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM: NONE

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
724	Unaccompanied Personnel Housing	20,000
724	Unaccompanied Personnel Housing	8,500
811	Power Plant - Roi Namur Island	49,000
TOTAL		77,500
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

Provide technical and logistical support for on-site ballistic missile defense research and development programs. Provide technical support for strategic offensive weapon system development and operational testing. Collect data on objects in space. Maintain and foster relationships with the Government of the Republic of the Marshall Islands.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY.	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
<div>INSTALLATION AND LOCATION: Kwajalein Atoll</div> <div>Kwajalein</div>		
<p>REMARKS :</p> <p>The estimated cost to remedy the deficiencies is all existing permanent and semipermanent facilities at this installation is \$297761 K, based on the Installation Status Report information on conditions as of October 1996.</p>		

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Kwajalein Atoll Kwajalein				4. PROJECT TITLE Unaccompanied Personnel Housing Renovation		
5. PROGRAM ELEMENT 65301A		6. CATEGORY CODE 724	7. PROJECT NUMBER 17575		8. PROJECT COST (\$000) Auth 20,000 Approp 20,000	
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					16,580	
Modernize Barracks		m2	7,080	2,212	(15,661)	
Asbestos Abatement		LS	--	--	(750)	
Lead-Based Paint Abatement		LS	--	--	(100)	
Building Information Systems		LS	--	--	(69)	
<u>SUPPORTING FACILITIES</u>					807	
Electric Service		LS	--	--	(300)	
Water, Sewer, Gas		LS	--	--	(350)	
Paving, Walks, Curbs And Gutters		LS	--	--	(50)	
Site Imp(50) Demo()		LS	--	--	(50)	
Information Systems		LS	--	--	(57)	
ESTIMATED CONTRACT COST					17,387	
CONTINGENCY PERCENT (10.0%)					1,739	
SUBTOTAL					19,126	
SUPERVISION, INSPECTION & OVERHEAD (6.50%)					1,243	
TOTAL REQUEST					20,369	
TOTAL REQUEST (ROUNDED)					20,000	
INSTALLED EQT-OTHER APPROPRIATIONS					()	
10. Description of Proposed Construction Modernize an existing, unaccompanied personnel housing (UPH) facility to include removal of existing interior partitions and utility systems, and asbestos and lead-based paint abatement. Project includes living/sleeping rooms, semi-private baths, walk-in closets, and storage. Supporting facilities include utilities; electric service; fire protection, alarm and suppression systems; paving, walks, curbs and gutters; information systems; and site improvements. Air conditioning (300 tons) will be provided. Comprehensive building and furnishings related interior design services are required. Access for the handicapped will be provided.						
11. REQ: 750 PN ADQT: 341 PN SUBSTD: 340 PN PROJECT: Modernize an existing, unaccompanied personnel housing facility. (Current Mission) REQUIREMENT: This project is required to provide adequate housing for 150 (300 maximum utilization) unaccompanied personnel assigned to US Army Kwajalein Atoll (USAKA). USAKA is a national test range for the Department of Defense and home of the Kiernan Rentry Measurement Site. Missions include technical and logistical support of theater and strategic offensive and defensive ballistic missile system testing, and conduct and support of space						

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Kwajalein Atoll, Kwajalein		
4. PROJECT TITLE	5. PROJECT NUMBER	
Unaccompanied Personnel Housing Renovation	17575	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>operations and experiments: Space Shuttle support, space surveillance, new foreign launch tracking, deep space tracks, etc. The successful accomplishment of these missions is a direct function of the installation's ability to recruit and retain the highly trained and specialized engineers, scientists, and technical personnel required to operate state-of-the-art and (in many cases) one-of-a-kind radars, sensors, and test and communications equipment. With the exception of salary, housing in good condition and providing a degree of privacy is the most important factor in attracting and retaining this select group of individuals. Housing is currently a deterrent rather than an inducement to employment at USAKA. This project is required to correct that situation by providing adequate accommodations. The improvement in facility condition and increased privacy afforded by this project will have a direct positive impact on recruitment, morale, retention, job performance, mission readiness, and cost effectiveness of range operations.</p> <p><u>CURRENT SITUATION:</u> At USAKA all unaccompanied military, civil service, and contract personnel live in on-post UPH facilities. These facilities are inadequate in quantity and condition. To accommodate all unaccompanied personnel individuals double bunk, share rooms with as many as six other people, or live in open bays and use gang latrines. Privacy in these facilities is virtually non-existent. The negative impacts on morale and welfare resulting from overcrowding and almost total lack of privacy is exacerbated by the deteriorated condition of the existing facilities. Most UPH at USAKA consists of permanent facilities constructed in the 1950s and 60s when the installation was under the administrative control of the US Navy and failed, 30-year old trailers which should have been removed from service long ago, but which of necessity continue to be used. The permanent facilities are severely deteriorated as a result of exposure to the highly corrosive Kwajalein environment (moist salt-laden air, constant winds, high temperatures and humidity, and very limited land mass) and a historical lack of maintenance and repair funding. Utility systems, windows and doors, floors and ceilings, interior partitions, and interior and exterior finishes are failing and structural deficiencies exist. The deteriorated and overcrowded UPH facilities have a direct negative impact on mission and installation operating costs. Poor facilities hamper recruitment, degrade morale, job performance, and mission readiness, and reduce retention. High turnover rates translate into staffing shortages and lost time due to protracted recruitments and increased travel, training, and job familiarization which in turn result in increased costs.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, unaccompanied personnel will continue to live in overcrowded, severely deteriorated facilities. The condition of housing will negatively impact recruitment, morale, retention, job performance, mission readiness, and mission costs. Missions vital to national security: testing of theater and strategic offensive and defensive ballistic missile systems, space surveillance, and</p>		

1. COMPONENT		2. DATE	
ARMY		31 JAN 1997	
3. INSTALLATION AND LOCATION			
Kwajalein Atoll, Kwajalein			
4. PROJECT TITLE		5. PROJECT NUMBER	
Unaccompanied Personnel Housing Renovation		17575	
12. SUPPLEMENTAL DATA: (CONTINUED)			
B. Equipment associated with this project which will be provided from other appropriations:			
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated Or Requested	Cost (\$000)
	NA		
<p>Installation Engineer: DONALD LAROQUE</p> <p>Phone Number: DSN 254-3777</p>			

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Kwajalein Atoll Kwajalein				4. PROJECT TITLE Unaccompanied Personnel Housing Renovation		
5. PROGRAM ELEMENT 65301A		6. CATEGORY CODE 724		7. PROJECT NUMBER 20631		8. PROJECT COST (\$000) Auth 8,500 Approp 8,500
9. COST ESTIMATES						
ITEM				U/M	QUANTITY	UNIT COST
<u>PRIMARY FACILITY</u>						7,161
Modernize Barracks				m2	3,196	2,126
Asbestos Abatement				LS	--	--
Lead-Based Paint Abatement				LS	--	--
Building Information Systems				LS	--	--
<u>SUPPORTING FACILITIES</u>						128
Electric Service				LS	--	--
Water, Sewer, Gas				LS	--	--
Paving, Walks, Curbs And Gutters				LS	--	--
Site Imp(5) Demo()				LS	--	--
Information Systems				LS	--	--
ESTIMATED CONTRACT COST						7,289
CONTINGENCY PERCENT (10.0%)						729
SUBTOTAL						8,018
SUPERVISION, INSPECTION & OVERHEAD (6.50%)						521
TOTAL REQUEST						8,539
TOTAL REQUEST (ROUNDED)						8,500
INSTALLED EQT-OTHER APPROPRIATIONS						()
10. Description of Proposed Construction Modernize second and third floors of an existing, three-story, concrete frame building with gang latrines. Project includes demolition of interior partitions and utility systems, asbestos and lead-based paint abatement, living/sleeping rooms, semi-private baths, walk-in closets, and storage. Supporting facilities include utilities; electric service; fire protection, alarm and suppression systems; paving, walks, curbs and gutters; information systems; and site improvements. Air conditioning: 130 tons. Comprehensive building and furnishings related interior design services are required.						
11. REQ: 750 PN ADQT: 341 PN SUBSTD: 340 PN						
PROJECT: Modernize an existing, open-bay, unaccompanied personnel housing facility with gang latrines. (Current Mission)						
REQUIREMENT: This project is required to provide adequate housing for 72 (144 maximum utilization - 195 net square feet) unaccompanied personnel assigned to US Army Kwajalein Atoll (USAKA). USAKA is a national test range for the Department of Defense and home of the Kiernan Reentry Measurement Site. Missions include technical and logistical support of theater and strategic offensive and defensive ballistic missile system testing, and						

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		31 JAN 1997
3. INSTALLATION AND LOCATION		
Kwajalein Atoll, Kwajalein		
4. PROJECT TITLE	5. PROJECT NUMBER	
Unaccompanied Personnel Housing Renovation	20631	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>conduct and support of space operations and experiments: Space Shuttle support, space surveillance, new foreign launch tracking, deep space tracks, etc. The successful accomplishment of these missions is a direct function of the installation's ability to recruit and retain the highly trained and specialized engineers, scientists, and technical personnel required to operate state-of-the-art and (in many cases) one-of-a-kind radars, sensors, and test and communications equipment. With the exception of salary, housing in good condition and providing a degree of privacy is the most important factor in attracting and retaining this select group of individuals. Housing is currently a deterrent rather than an inducement to employment at USAKA. This project is required to improve the housing situation by effectively increasing inventory by 72 rooms. This project will reduce overcrowding, increase privacy, and improve living conditions such that recruitment, morale, retention, job performance, mission readiness, and the cost effectiveness of range operations are all positively impacted.</p> <p><u>CURRENT SITUATION:</u> At USAKA all unaccompanied military, civil service, and contract personnel live in on-post UPH facilities. These facilities are inadequate in quantity and condition. To accommodate all unaccompanied personnel, individuals double bunk, share rooms with as many as eight other people, or in extreme cases, live in open bays and use gang latrines. Privacy in these facilities is virtually non-existent. The negative impact on morale and welfare resulting from the overcrowding and lack of privacy is exacerbated by the deteriorated condition of the existing facilities. Most UPH at USAKA consists of permanent facilities constructed in the 1950s and 60s when the installation was under the administrative control of the US Navy and failed, 30-year old trailers which of necessity continue to be used. The permanent facilities are severely deteriorated due to exposure to the highly corrosive Kwajalein environment (moist, salt-laden air, constant winds, high temperatures and humidity, and very limited land mass) and an historical lack of maintenance and repair funding. Existing building is in the worst condition with failed utility systems, doors and windows, floors, ceilings, and interior partitions, and interior and exterior finishes and structural deficiencies. The condition of the facility is such that it is used to house unaccompanied personnel only when the maximum utilization of all other assets have been exceeded. The deteriorated condition of UPH at USAKA and the overcrowding have a direct negative impact on mission readiness and installation operating costs. Poor facilities hamper recruitment and degrade morale, retention, and job performance. High turnover rates result in staffing shortages and lost time due to protracted recruitments and increased travel, training, and job familiarization which in turn increase costs. Modernization of this building would effectively increase inventory by 72 rooms substantially reducing overcrowding, improving living conditions, and enhancing mission accomplishment.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, unaccompanied</p>		

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997																				
3. INSTALLATION AND LOCATION Kwajalein Atoll, Kwajalein																						
4. PROJECT TITLE Unaccompanied Personnel Housing Renovation	5. PROJECT NUMBER 20631																					
<p><u>IMPACT IF NOT PROVIDED: (CONTINUED)</u></p> <p>personnel will continue to live in overcrowded, severely deteriorated facilities. The condition of housing will negatively impact recruitment, morale, retention, job performance, mission readiness, and mission costs. Missions vital to national security: testing of theater and strategic offensive and defensive ballistic missile systems, space surveillance, and tracking of new foreign launch could be negatively affected. Test of theater and national ballistic defensive weapon systems under tactically representative conditions will be at risk and deployment could be delayed.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 3 July 1994. An economic analysis has been prepared and modernization is recommended as being the most cost effective alternative.</p>																						
<p><u>12. SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p style="margin-left: 40px;">(1) Status:</p> <table style="margin-left: 80px; width: 80%;"> <tr><td>(a) Date Design Started.....</td><td style="text-align: right;">JAN 1997</td></tr> <tr><td>(b) Parametric Cost Estimating Used to Develop Costs.....</td><td style="text-align: right;">NO</td></tr> <tr><td>(c) Percent Complete As Of January 1998.....</td><td style="text-align: right;">40</td></tr> <tr><td>(d) Date 35% Designed.....</td><td style="text-align: right;">DEC 1997</td></tr> <tr><td>(e) Date Design Complete.....</td><td style="text-align: right;">JUN 1998</td></tr> </table> <p style="margin-left: 40px;">(2) Basis:</p> <p style="margin-left: 80px;">(a) Standard or Definitive Design - (YES/NO) N</p> <p style="margin-left: 80px;">(b) Where Design Was Most Recently Used</p> <p style="margin-left: 40px;">(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table style="margin-left: 80px; width: 80%;"> <tr><td>(a) Production of Plans and Specifications.....</td><td style="text-align: right;">500</td></tr> <tr><td>(b) All Other Design Costs.....</td><td style="text-align: right;">200</td></tr> <tr><td>(c) Total Design Cost.....</td><td style="text-align: right;">700</td></tr> <tr><td>(d) Contract.....</td><td style="text-align: right;"></td></tr> <tr><td>(e) In-house.....</td><td style="text-align: right;">700</td></tr> </table> <p style="margin-left: 40px;">(4) Construction Start..... MAY 1999</p> <p style="margin-left: 160px;">month & year</p>			(a) Date Design Started.....	JAN 1997	(b) Parametric Cost Estimating Used to Develop Costs.....	NO	(c) Percent Complete As Of January 1998.....	40	(d) Date 35% Designed.....	DEC 1997	(e) Date Design Complete.....	JUN 1998	(a) Production of Plans and Specifications.....	500	(b) All Other Design Costs.....	200	(c) Total Design Cost.....	700	(d) Contract.....		(e) In-house.....	700
(a) Date Design Started.....	JAN 1997																					
(b) Parametric Cost Estimating Used to Develop Costs.....	NO																					
(c) Percent Complete As Of January 1998.....	40																					
(d) Date 35% Designed.....	DEC 1997																					
(e) Date Design Complete.....	JUN 1998																					
(a) Production of Plans and Specifications.....	500																					
(b) All Other Design Costs.....	200																					
(c) Total Design Cost.....	700																					
(d) Contract.....																						
(e) In-house.....	700																					

1. COMPONENT		2. DATE	
ARMY		31 JAN 1997	
FY 1999 MILITARY CONSTRUCTION PROJECT DATA			
3. INSTALLATION AND LOCATION			
Kwajalein Atoll, Kwajalein			
4. PROJECT TITLE		5. PROJECT NUMBER	
Unaccompanied Personnel Housing Renovation		20631	
12. SUPPLEMENTAL DATA: (CONTINUED)			
B. Equipment associated with this project which will be provided from other appropriations:			
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
NA			
<p>Installation Engineer: Donald LaRocque</p> <p>Phone Number: DSN 254-3777</p>			

1. COMPONENT ARMY		FY 1999		MILITARY CONSTRUCTION PROJECT DATA		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Kwajalein Atoll Kwajalein				4. PROJECT TITLE Power Plant - Roi Namur Island			
5. PROGRAM ELEMENT 65301A		6. CATEGORY CODE 811		7. PROJECT NUMBER 33149		8. PROJECT COST (\$000) Auth 49,000 Approp 49,000	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							40,497
Power Plant Building				m2	3,159	4,050	(12,794)
Generators				kWe	13,500	2,050	(27,675)
Building Information Systems				LS	--	--	(28)
<u>SUPPORTING FACILITIES</u>							3,309
Electric Services				LS	--	--	(418)
Water, Sewer, Gas				LS	--	--	(935)
Paving, Walks, Curbs And Gutters				LS	--	--	(206)
Site Imp(616) Demo(1,096)				LS	--	--	(1,712)
Information Systems				LS	--	--	(38)
ESTIMATED CONTRACT COST							43,806
CONTINGENCY PERCENT (5.00%)							2,190
SUBTOTAL							45,996
SUPERVISION, INSPECTION & OVERHEAD (6.50%)							2,990
TOTAL REQUEST							48,986
TOTAL REQUEST (ROUNDED)							49,000
INSTALLED EQT-OTHER APPROPRIATIONS							()
10. Description of Proposed Construction Construct an electric power generating plant with diesel engine-generators, switchgear controls, monitoring equipment, traveling crane (20 tons), and fresh water cooling capabilities. Supporting facilities include electric service, paving, walks, fencing and gates, fire protection and alarm systems, water lines, pump house, sewage lift station, storm drainage, oil and water separator, information systems, and site improvements. Air conditioning (40 tons) will be provided for administrative areas, control room, switchgear, and electrical and mechanical support areas. Remove pavement (3,750 SY), sewer lines (250 LF), four fuel tanks and asbestos removal. Demolish six buildings (14,248 SF).							
11. REQ: 13,500 kVA ADQT: NONE SUBSTD: 13,500 kVA							
PROJECT: Construct an electrical power generating plant with nine 1.5 MW engine-generators. (Current Mission)							
REQUIREMENT: This project is required to provide a reliable, precision electrical power source in support of the Kiernan Reentry Measurement Site (KREMS) radars. Precision power meeting exacting specifications as to steady state voltage and frequency, voltage and frequency transient, voltage and frequency recovery, and availability is critical to the operation of the KREMS							

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Kwajalein Atoll, Kwajalein		
4. PROJECT TITLE Power Plant - Roi Namur Island	5. PROJECT NUMBER 33149	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>radars and their support of theater and strategic offensive and defensive ballistic missile systems testing and conduct and support of space operations and experiments to include: Space Shuttle support, space surveillance operations, tracking of new foreign launches, and tracking of objects in deep space for the Army, Air Force, US Space Command, Ballistic Missile Defense Organization and the National Aeronautics and Space Administration. In addition to support of strategic offensive and national and theater defensive missile weapon systems testing (with some missions costing more than \$100 million), KREMS radars support space control and theater intelligence gathering missions. The KREMS radars provide acquisition of nearly 25 percent of all foreign launches and are essential in tracking launches from Russia, Kazakhstan, and the Peoples Republic of China, acquiring launches at least 45 minutes earlier than any other site. The KREMS is our most sophisticated and capable suite of radars tracking objects in geosynchronous orbit. Currently, 120 such objects (including Russian and Chinese military satellites) are tracked exclusively by KREMS. This project is required to provide the reliable precision power critical to the operation of KREMS and its support of missions vital to national security.</p> <p><u>CURRENT SITUATION:</u> The existing power plant, which is a single-point failure for Roi-Namur Island and the KREMS radars, is failing. The nine 1,500 kilowatt ALCO engine-generators (seven of which were installed in 1961 and two in 1967) are failing. The units were manufactured using an internal materials technology now considered outmoded. Due to excessive wear the units produce only 70 percent of their rated capacity and are no longer a reliable source of precision power for the one-of-a-kind, state-of-the-art KREMS radars. Despite an intensive overhaul program, units are failing at an increasing rate as deterioration exceeds possible corrective actions. As the inventory of replacement parts no longer manufactured is depleted, the effectiveness of the maintenance program will be degraded and the incidence of failure will accelerate. After years of exposure to the highly corrosive Kwajalein environment, the mechanical and electrical controls and switch gear are also severely deteriorated and degrade reliability. The power plant building is failing. Structural deficiencies exist with portions of the foundation and flooring having failed. The roof and walls are severely deteriorated and allow salt spray to enter the plant. Additionally, the panels are constructed of asbestos containing materials. The very congested conditions (the plant building has less than 40 percent of the square footage now considered adequate), hampers maintenance and repair and overhaul activities and is a safety hazard. Lastly, the second floor plant control room is not shielded against radio frequency emissions.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the existing, severely deteriorated, failing power plant will continue to be the sole source of precision power for the KREMS radars. Operating costs, maintenance and repair and fuels, will increase while plant reliability will continue to</p>		

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997																				
3. INSTALLATION AND LOCATION Kwajalein Atoll, Kwajalein																						
4. PROJECT TITLE Power Plant - Roi Namur Island	5. PROJECT NUMBER 33149																					
<p><u>IMPACT IF NOT PROVIDED: (CONTINUED)</u></p> <p>decline as maintenance and repair efforts become less effective. The frequency of engine-generator failure will increase causing disruptions/cessation of missions vital to national security: testing of theater and strategic offensive and defensive ballistic missile weapon systems, space surveillance operations, and tracking of new foreign launches.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project.</p>																						
<p><u>12. SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p style="margin-left: 20px;">(1) Status:</p> <table style="margin-left: 40px; width: 80%;"> <tr> <td>(a) Date Design Started.....</td> <td style="text-align: right;"><u>SEP 1993</u></td> </tr> <tr> <td>(b) Parametric Cost Estimating Used to Develop Costs.....</td> <td style="text-align: right;"><u>NO</u></td> </tr> <tr> <td>(c) Percent Complete As Of January 1998.....</td> <td style="text-align: right;"><u>50</u></td> </tr> <tr> <td>(d) Date 35% Designed.....</td> <td style="text-align: right;"><u>JUL 1994</u></td> </tr> <tr> <td>(e) Date Design Complete.....</td> <td style="text-align: right;"><u>JUN 1998</u></td> </tr> </table> <p style="margin-left: 20px;">(2) Basis:</p> <p style="margin-left: 40px;">(a) Standard or Definitive Design - (YES/NO) N</p> <p style="margin-left: 40px;">(b) Where Design Was Most Recently Used</p> <p style="margin-left: 20px;">(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table style="margin-left: 40px; width: 80%;"> <tr> <td>(a) Production of Plans and Specifications.....</td> <td style="text-align: right;"><u>2,500</u></td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right;"><u>1,500</u></td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right;"><u>4,000</u></td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right;"><u>3,000</u></td> </tr> <tr> <td>(e) In-house.....</td> <td style="text-align: right;"><u>1,000</u></td> </tr> </table> <p style="margin-left: 20px;">(4) Construction Start..... <u>MAY 1999</u> month & year</p>			(a) Date Design Started.....	<u>SEP 1993</u>	(b) Parametric Cost Estimating Used to Develop Costs.....	<u>NO</u>	(c) Percent Complete As Of January 1998.....	<u>50</u>	(d) Date 35% Designed.....	<u>JUL 1994</u>	(e) Date Design Complete.....	<u>JUN 1998</u>	(a) Production of Plans and Specifications.....	<u>2,500</u>	(b) All Other Design Costs.....	<u>1,500</u>	(c) Total Design Cost.....	<u>4,000</u>	(d) Contract.....	<u>3,000</u>	(e) In-house.....	<u>1,000</u>
(a) Date Design Started.....	<u>SEP 1993</u>																					
(b) Parametric Cost Estimating Used to Develop Costs.....	<u>NO</u>																					
(c) Percent Complete As Of January 1998.....	<u>50</u>																					
(d) Date 35% Designed.....	<u>JUL 1994</u>																					
(e) Date Design Complete.....	<u>JUN 1998</u>																					
(a) Production of Plans and Specifications.....	<u>2,500</u>																					
(b) All Other Design Costs.....	<u>1,500</u>																					
(c) Total Design Cost.....	<u>4,000</u>																					
(d) Contract.....	<u>3,000</u>																					
(e) In-house.....	<u>1,000</u>																					
<p>Installation Engineer: Donald LaRocque</p> <p>Phone Number: DSN 254-3777</p>																						

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
Worldwide Various		Minor Construction (MINEXG)				231
	39979	Unspecified Minor Construction	10,000	10,000	C	233
		Subtotal Minor Construction PART I	\$ 10,000	10,000		
		Planning and Design (PLANDES)				235
	39975	Planning and Design	44,519	44,519	C	237
	39977	Host Nation Support	20,000	20,000	C	239
		Subtotal Planning and Design PART I	\$ 64,519	64,519		
		* TOTAL MCA FOR Worldwide Various	\$ 74,519	74,519		
** TOTAL WORLDWIDE FOR MCA			\$ 74,519	74,519		
MILITARY CONSTRUCTION (PART I) TOTAL			\$ 800,569	696,969		

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Minor Construction Worldwide Various	4. COMMAND Minor Construction	5. AREA CONSTRUCTION COST INDEX 1.00

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED		
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST
	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL
					TOTAL
A. AS OF 30 SEP 1996	0	0	0	0	0
B. END FY 2003	0	0	0	0	0

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	212,089
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	6,000
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	10,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	228,089

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:			
CATEGORY	PROJECT	COST	DESIGN STATUS
		(\$000)	START COMPLETE
000	39978 Unspecified Minor Construction	6,000	
TOTAL		6,000	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST
		(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
BBB	Unspecified Minor Construction	10,000
TOTAL		10,000
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
<div style="display: flex; justify-content: space-between;"> INSTALLATION AND LOCATION: Minor Construction Worldwide Various </div>		
REMARKS :		

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Minor Construction Minor Construction, Worldwide Various			4. PROJECT TITLE Unspecified Minor Construction	
5. PROGRAM ELEMENT 91211A	6. CATEGORY CODE BBB	7. PROJECT NUMBER 39979	8. PROJECT COST (\$000) Auth 10,000 Approp 10,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Minor Construction Facilities	LS	--	--	10,000 (10,000)
<u>SUPPORTING FACILITIES</u>				
ESTIMATED CONTRACT COST				10,000
CONTINGENCY PERCENT (.000%)				10,000
SUBTOTAL				10,000
SUPERVISION, INSPECTION & OVERHEAD (.000%)				10,000
TOTAL REQUEST				10,000
TOTAL REQUEST (ROUNDED)				(0)
INSTALLED EQT-OTHER APPROPRIATIONS				
10. Description of Proposed Construction Unspecified minor construction projects which have a funded cost of \$1,500,000 or less, including construction, alteration, or conversion of permanent or temporary facilities as authorized under Title 10 USC 2805. The funded cost is \$3,000,000 if the project is intended solely to correct a deficiency that is life threatening, health threatening, or safety threatening.				
11. REQ: NONE ADQT: NONE SUBSTD: NONE PROJECT: Minor military construction, worldwide. REQUIREMENT: This line item is needed to provide for unspecified projects for which the need cannot reasonably be foreseen nor justified in time to be included in this Military Construction, Army program. CURRENT SITUATION: These urgent unforeseen projects address high national priorities such as critical mission requirements, environmental protection, health, and safety. These projects can not wait until the next annual budget submission. IMPACT IF NOT PROVIDED: Historical data on the Army's unforeseen urgent requirements supports a far higher funding level. However, due to extreme budget constraints, the level requested is considered the maximum currently				

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Minor Construction, Minor Construction, Worldwide Various		
4. PROJECT TITLE Unspecified Minor Construction	5. PROJECT NUMBER 39979	
IMPACT IF NOT PROVIDED: (CONTINUED) affordable amount.		

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Planning and Design Worldwide Various	4. COMMAND Planning and Design	5. AREA CONSTRUCTION COST INDEX 1.00

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED	
	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	TOTAL
A. AS OF 30 SEP 1996	0 0 0	0 0 0	0 0 0	0
B. END FY 2003	0 0 0	0 0 0	0 0 0	0

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	9,200
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	4,400
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	13,600

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:			
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000) DESIGN STATUS
			START COMPLETE
000	47059	Planning and Design	9,200
TOTAL			9,200

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
000	Planning and Design	4,400
TOTAL		4,400
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
---------------------------------	--

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY.	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE 31 JAN 1997
<div>INSTALLATION AND LOCATION: Planning and Design</div> <div>Worldwide Various</div>		
REMARKS :		

1. COMPONENT ARMY		FY 1999		MILITARY CONSTRUCTION PROJECT DATA		2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Planning and Design Planning and Design, Worldwide Various				4. PROJECT TITLE Planning and Design			
5. PROGRAM ELEMENT 91211A		6. CATEGORY CODE 000		7. PROJECT NUMBER 39975		8. PROJECT COST (\$000) Auth 44,519 Approp 44,519	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Planning & Design				LS	--	--	44,519 (44,519)
<u>SUPPORTING FACILITIES</u>							
ESTIMATED CONTRACT COST							44,519
CONTINGENCY PERCENT (.000%)							
SUBTOTAL							44,519
SUPERVISION, INSPECTION & OVERHEAD (.000%)							
TOTAL REQUEST							44,519
TOTAL REQUEST (ROUNDED)							44,519
INSTALLED EQT-OTHER APPROPRIATIONS							(0)
10. Description of Proposed Construction This item provides for: parametric, concept, and final design of major and unspecified minor construction projects; value engineering; and the development of standards and criteria for Army facilities.							
11. REQ: NONE ADQT: NONE SUBSTD: NONE							
PROJECT: Planning and design funds.							
<u>REQUIREMENT:</u> This funding is required to provide design and engineering services for regular Military Construction, Army (MCA) and Unspecified Minor projects, including value engineering, and continued development of design criteria and standard (conventional functional layouts). This account is dissimilar to any other line item in the Army's MCA budget in that it is reflective of an operations expense, versus a defined scope of a single construction project. Funds will be used by the US Army Corps of Engineers (USACE) district for in-house designs, Architect-Engineer (A-E) contracts, and administrative support functions. These funds are required for accomplishment of final correction, review, reproduction and advertisement of projects in the FY 1999 program; for advancement to final design of projects in FY 2000; for initiation of design of projects in FY 2001; and for initiation of pre-concept							

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Planning and Design, Planning and Design, Worldwide Various		
4. PROJECT TITLE Planning and Design	5. PROJECT NUMBER 39975	
<p>REQUIREMENT: (CONTINUED)</p> <p>design activities for projects in FY 2002. The funds request for the annual planning and design requirement includes value engineering, the costs to update standards and criteria, guide specifications, technical manuals, and the cost to continue the Department of the Army (DA) Facility Standardization Program.</p>		

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 31 JAN 1997	
3. INSTALLATION AND LOCATION Planning and Design Planning and Design, Worldwide Various				4. PROJECT TITLE Host Nation Support		
5. PROGRAM ELEMENT 91211A		6. CATEGORY CODE 000		7. PROJECT NUMBER 39977		8. PROJECT COST (\$000) Auth 20,000 Approp 20,000
9. COST ESTIMATES						
ITEM				U/M	QUANTITY	UNIT COST
PRIMARY FACILITY Host Nation Design				LS	--	--
						20,000 (20,000)
SUPPORTING FACILITIES						
ESTIMATED CONTRACT COST						20,000
CONTINGENCY PERCENT (.000%)						
SUBTOTAL						20,000
SUPERVISION, INSPECTION & OVERHEAD (.000%)						
TOTAL REQUEST						20,000
TOTAL REQUEST (ROUNDED)						20,000
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10. Description of Proposed Construction This item provides for criteria development, design and construction surveillance, for projects funded by foreign nations where US Forces are the sole or primary user as authorized by 10 USC 2807.						
11. REQ: NONE ADQT: NONE SUBSTD: NONE						
PROJECT: Planning and design funds.						
REQUIREMENT: This funding is required to represent US interests during the planning, design, and construction of projects funded by foreign governments, when US Forces are sole or primary users. The Host Nation Support funds are required to assure that the facilities provided conform to the Services' operational and mission needs, and to US life safety criteria. The Army is the executive agent for the Department of Defense for Host Nation Construction in the Pacific. The programs in Korea and Japan are expected to remain at about the current levels, and provide nearly all the new construction in Japan, and much of the new construction in Korea. The US Army Corps of Engineers is responsible for providing the criteria, reviewing designs, and monitoring the construction. This effort costs approximately three percent of the Host Nation Support construction placement. The three parts of the Host Nation Support effort are: Criteria Package Preparation - defines the functional requirements						

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 31 JAN 1997
3. INSTALLATION AND LOCATION Planning and Design, Planning and Design, Worldwide Various		
4. PROJECT TITLE Host Nation Support		5. PROJECT NUMBER 39977
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>and specifies the health, fire, operational, functional, and life safety needs; Design Surveillance - ensures compliance with criteria packages, efficient operation and maintenance, and life safety, fire protection, and environmental compliance; Construction Surveillance - ensures conformance to design documents, reviews submittals, monitors construction phasing for users, and protects against latent deficiencies. Host Nation Support funds are also used to oversee Payment-in-Kind (PIK) projects in Europe.</p>		

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
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FEBRUARY 1997

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
SUMMARY

(\$ in Thousands)

FY 1999 Program	1,255,908
FY 1998 Program	1,291,937

PURPOSE AND SCOPE

The Army Family Housing Program supports the Operation, maintenance, leasing and construction of military family housing located world-wide.

PROGRAM SUMMARY

Authorization is requested for:

1. The performance of certain construction summarized hereafter, and
2. The appropriation of \$1,255,908,000 to fund
 - a. This construction; and
 - b. Certain other functions already authorized by law.

A summary of the Fiscal Year 1999 funding program follows:

CONSTRUCTION REQUEST		\$ 137,900
New Construction	81,000	
Post Acquisition Construction	49,650	
Advance Planning & Design	7,250	
OPERATION AND MAINTENANCE REQUEST		\$1,118,008
Operation	183,267	
Utilities	269,582	
Maintenance of Real Property	423,698	
Leasing - World-wide	241,458	
Debt Reduction	0	
Interest Payments	0	
Mortgage Insurance Premiums	3	
TOTAL FAMILY HOUSING APPROPRIATION REQUEST		\$1,255,908
REIMBURSABLE PROGRAM		\$ 17,000
TOTAL FAMILY HOUSING PROGRAM		\$1,272,908

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
ARMY FAMILY HOUSING
NEW CONSTRUCTION (PART IIA)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
Alabama		Redstone Arsenal (AMC)		
	47924	Family Housing Replacement Construction	15,800	15,800
		SUBTOTAL Redstone Arsenal PART IIA	\$ 15,800	15,800
		* TOTAL AFH FOR Alabama	\$ 15,800	15,800
Hawaii		Schofield Barracks (USARPAC)		
	47296	Family Housing Replacement Construction	21,700	21,700
		SUBTOTAL Schofield Barracks PART IIA	\$ 21,700	21,700
		* TOTAL AFH FOR Hawaii	\$ 21,700	21,700
North Carolina		Fort Bragg (FORSCOM)		
	41640	Family Housing Replacement Construction	20,800	20,800
		SUBTOTAL Fort Bragg PART IIA	\$ 20,800	20,800
		* TOTAL AFH FOR North Carolina	\$ 20,800	20,800
Texas		Fort Hood (FORSCOM)		
	23667	Family Housing Replacement Construction	22,700	22,700
		SUBTOTAL Fort Hood PART IIA	\$ 22,700	22,700
		* TOTAL AFH FOR Texas	\$ 22,700	22,700
		** TOTAL INSIDE THE UNITED STATES FOR AFH	\$ 81,000	81,000
		MILITARY CONSTRUCTION (PART IIA) TOTAL	\$ 81,000	81,000

DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
ARMY FAMILY HOUSING
POST ACQUISITION (PART IIB)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
District of Columbia		Fort McNair (MDW)		
	37183	Family Housing Improvements	1,150	1,150
		SUBTOTAL Fort McNair PART IIB	\$ 1,150	1,150
		* TOTAL AFH FOR District of Columbia	\$ 1,150	1,150
Kansas		Fort Leavenworth (TRADOC)		
	36251	Family Housing Improvements	11,800	11,800
		SUBTOTAL Fort Leavenworth PART IIB	\$ 11,800	11,800
		* TOTAL AFH FOR Kansas	\$ 11,800	11,800
New Jersey		Fort Monmouth (AMC)		
	2991	Family Housing Improvements	4,400	4,400
		SUBTOTAL Fort Monmouth PART IIB	\$ 4,400	4,400
		* TOTAL AFH FOR New Jersey	\$ 4,400	4,400
New York		United States Military Academy (USMA)		
	17959	Family Housing Improvements	5,400	5,400
		SUBTOTAL United States Military Academy	\$ 5,400	5,400
		* TOTAL AFH FOR New York	\$ 5,400	5,400
Oklahoma		Fort Sill (TRADOC)		
	21422	Family Housing Improvements	14,800	14,800
		SUBTOTAL Fort Sill PART IIB	\$ 14,800	14,800
		* TOTAL AFH FOR Oklahoma	\$ 14,800	14,800
		** TOTAL INSIDE THE UNITED STATES FOR AFH	\$ 37,550	37,550

DEPARTMENT OF THE ARMY
FISCAL YEAR 1999
ARMY FAMILY HOUSING
POST ACQUISITION (PART IIB)
(DOLLARS ARE IN THOUSANDS)
OUTSIDE THE UNITED STATES

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
	NUMBER	PROJECT TITLE		
Germany		Germany Various (USAREUR)		
		Germany Various		
	45073	Family Housing Improvements	6,200	6,200
		SUBTOTAL Germany Various PART IIB	\$ 6,200	6,200
		* TOTAL AFH FOR Germany	\$ 6,200	6,200
Italy		Italy Various (USAREUR)		
		Italy Various		
	42465	Family Housing Improvements	5,900	5,900
		SUBTOTAL Italy Various PART IIB	\$ 5,900	5,900
		* TOTAL AFH FOR Italy	\$ 5,900	5,900
		** TOTAL OUTSIDE THE UNITED STATES FOR AFH	\$ 12,100	12,100
		MILITARY CONSTRUCTION (PART IIB) TOTAL	\$ 49,650	49,650

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ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
AUTHORIZATION AND APPROPRIATION LANGUAGE

AUTHORIZATION LANGUAGE

SEC. 2102. FAMILY HOUSING

(a) CONSTRUCTION AND ACQUISITION.--Using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may construct or acquire family housing units (including land acquisition) at the installations, for the purposes, and in the amounts set forth in the following table:

Army: Family Housing

State	Installation	Purpose	Amount
Alabama	Redstone Arsenal	118 units	15,800,000
Hawaii	Schofield Barracks	94 units	21,700,000
North Carolina	Fort Bragg	170 units	20,800,000
Texas	Fort Hood	154 units	22,700,000
		Total	81,000,000

(b) PLANNING AND DESIGN.-- Using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may carry out architectural and engineering services and construction design activities with respect to the construction or improvement of family housing units in an amount not to exceed [\$9,550,000] \$7,250,000.

SEC. 2103. IMPROVEMENTS TO MILITARY FAMILY HOUSING UNITS.

Subject to section 2835 of title 10, United States Code, and using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may improve existing military family housing in an amount not to exceed [\$44,800,000] \$49,650,000.

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
AUTHORIZATION AND APPROPRIATION LANGUAGE (Continued)

SEC. 2104. AUTHORIZATION OF APPROPRIATIONS, ARMY.

(a) IN GENERAL.

(5) For military family housing functions:

(A) For construction and acquisition, planning and design, and improvements of military family housing and facilities, [143,00,000] \$137,900,000.

(B) For support of military family housing (including the functions described in section 2833 of title 10, United States Code), [\$1,148,937,000] \$1,118,008,000.

APPROPRIATION LANGUAGE

For expenses of family housing for the Army for construction, including acquisition, replacement, addition, expansion, extension, and alteration, and for operation and maintenance, including debt payment, leasing, minor construction, principal and interest charges, and insurance premiums, as authorized by law, as follows: for Construction [\$143,000,000] \$137,900,000, to remain available until [September 30, 2002] September 30, 2003; for Operation and Maintenance, and for debt payment [\$1,148,937,000] \$1,118,008,000; in all [\$1,291,937,000] \$1,255,908,000.

Budget Plan (amounts for FAMILY
 HOUSING actions programmed)

Identification code	21-7020-O-1-051	1996 actual	1997 est.	1998 est.	1999 est.
Program by activities:					
Direct program:					
01.0101	Construction of new housing	68,400	50,190	88,650	81,000
01.0201	Post-Acquisition Construction	48,856	105,350	44,800	49,650
01.0301	Planning and design	2,000	2,963	9,550	7,250
01.9101	Total direct program	119,256	158,503	143,000	137,900
10.0001	Total	119,256	158,503	143,000	137,900
Financing:					
17.0001	Recovery of prior year obligations				
	Unobligated balance available, start of year:				
21.4002	For completion of prior year budget plans	-2,153			
21.4009	Reprogramming from/to prior year budget plans	2,000			
22.1001	Unobligated balance transferred to other accounts	-2,000			
22.2001	Unobligated balance transferred from other accounts (-)				
	Unobligated balance available, end of year:				
24.4002	For completion of prior year budget plans	1,153			
25.0001	Unobligated balance expiring				
39.0001	Budget authority	118,256	158,503	143,000	137,900
Budget authority:					
40.0001	Appropriation	116,656	158,503	143,000	137,900
42.0001	Transferred from other accounts	1,600			
43.0001	Appropriation (adjusted)	118,256	158,503	143,000	137,900
Relation of obligations to outlays:					
71.0001	Obligations incurred				
72.4001	Obligated balance, start of year				
74.4001	Obligated balance, end of year				
77.0001	Adjustments in expired accounts (net)				
78.0001	Adjustments in unexpired accounts				
90.0001	Outlays (net)				

Family Housing Construction, Army
Program and Financing (in Thousands of dollars) SUMMARY

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PAGE 1157
TPGE 1069

Obligations

Identification code	21-7020-O-1-051	1996 actual	1997 est.	1998 est.	1999 est.
Program by activities:					
Direct program:					
01.0101	Construction of new housing	76,207	62,302	87,112	82,457
01.0201	Post-Acquisition Construction	71,909	98,446	55,246	53,775
01.0301	Planning and design	6,856	3,599	8,173	10,424
01.9101	Total direct program	154,972	164,347	150,531	146,656
10.0001	Total	154,972	164,347	150,531	146,656
Financing:					
17.0001	Recovery of prior year obligations	-23,558			
21.4001	Unobligated balance available, start of year:				
21.4002	For completion of prior year budget plans	-94,500	-80,188	-74,344	-66,813
21.4009	Reprogramming from/to prior year budget plans	2,000			
22.1001	Unobligated balance transferred to other accounts	-2,000			
22.2001	Unobligated balance transferred from other accounts (-)				
24.4002	Unobligated balance available, end of year:	80,188	74,344	66,813	58,057
25.0001	For completion of prior year budget plans	1,153			
25.0001	Unobligated balance expiring				
39.0001	Budget authority	118,256	158,503	143,000	137,900
Budget authority:					
40.0001	Appropriation	116,656	158,503	143,000	137,900
42.0001	Transferred from other accounts	1,600			
43.0001	Appropriation (adjusted)	118,256	158,503	143,000	137,900
Relation of obligations to outlays:					
71.0001	Obligations incurred	154,972	164,347	150,531	146,656
72.4001	Obligated balance, start of year	370,010	257,242	270,574	298,343
74.4001	Obligated balance, end of year	-257,242	-270,574	-298,343	-315,492
77.0001	Adjustments in expired accounts (net)	381			
78.0001	Adjustments in unexpired accounts	-23,558			
90.0001	Outlays (net)	244,563	151,015	122,762	129,507

Family Housing Construction, Army
Object Classification (in Thousands of dollars) SUMMARY

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TPGE 1070

Identification code	21-7020-0-1-051	1996 actual	1997 est.	1998 est.	1999 est.
Direct obligations:					
121.001	Travel and transportation of persons	74	78	63	67
123.301	Communications, utilities, and miscellaneous charges	7	7	6	6
124.001	Printing and reproduction	17	18	15	16
125.201	Other services with the private sector	13,808	14,393	11,598	12,406
126.001	Supplies and materials	6	6	5	5
132.001	Land and structures	141,060	149,845	138,844	134,156
199.001	Total Direct obligations	154,972	164,347	150,531	146,656
999.901	Total obligations	154,972	164,347	150,531	146,656

Family Housing Operations & Debt, Army
Program and Financing (in Thousands of dollars)

00 FEB 97
PAGE 1159
TRGE 1071

Identification code	21-7025-0-1-051	1996 actual	1997 est.	1998 est.	1999 est.
Program by activities:					
Direct program:					
02.0101	Operating expenses	451,215	459,051	446,488	452,849
02.0201	Leasing	220,863	227,515	234,053	241,458
02.0301	Maintenance of real property	666,501	525,893	468,393	423,698
02.0401	Interest payments	11	7	3	3
02.9101	Total direct program	1,338,590	1,212,466	1,148,937	1,118,008
03.0101	Reimbursable Program	15,451	21,000	17,000	17,000
10.0001	Total obligations	1,354,041	1,233,466	1,165,937	1,135,008
Financing:					
Offsetting collections from:					
11.0001	Federal funds (-)	-2,922	-7,140	-5,780	-5,780
14.0001	Non-Federal sources (-)	-12,839	-13,860	-11,220	-11,220
22.0001	Unobligated balance transferred from other accounts (-)	-37,009			
25.0001	Unobligated balance expiring	10,177			
40.0001	Budget authority (Appropriation)	1,311,759	1,212,466	1,148,937	1,118,008
Relation of obligations to outlays:					
71.0001	Obligations incurred	1,338,590	1,212,466	1,148,937	1,118,008
72.1001	Orders on hand, SOY	-3,656	-3,374	-3,374	-3,374
72.4001	Obligated balance, start of year	283,847	538,418	346,903	335,526
74.1001	Orders on hand, EOY	3,374	3,374	3,374	3,374
74.4001	Obligated balance, end of year	-538,418	-346,903	-335,526	-328,444
77.0001	Adjustments in expired accounts (net)	-15,853			
90.0001	Outlays (net)	1,067,884	1,403,981	1,160,314	1,125,090

Family Housing Operations & Debt, Army
Object Classification (in Thousands of dollars)

00 FEB 97
PAGE 1160
TPGE 1072

Identification code	21-7025-0-1-051	1996 actual	1997 est.	1998 est.	1999 est.
Direct obligations:					
Personnel compensation:					
111.101	Full-time permanent	24,071	26,604	25,136	26,413
111.301	Other than full-time permanent	3,963	5,734	6,601	6,994
111.501	Other personnel compensation	1,794	1,826	1,714	1,814
111.901	Total personnel compensation	29,828	34,164	33,451	35,221
Personnel Benefits: Civilian personnel					
112.101	Benefits for former personnel	8,071	9,284	9,305	9,751
113.001	Travel and transportation of persons	376	250	87	89
121.001	Transportation of things	2,172	2,219	2,156	2,094
122.001	Rental payments to GSA	5,270	9,009	8,754	8,500
123.101	Rental payments to others	794	1,399	1,360	1,320
123.201	Communications, utilities, and miscellaneous charges	143,264	173,655	168,741	163,842
123.301	Printing and reproduction	91,855	100,572	97,726	94,889
124.001	Advisory and assistance services	180	113	110	107
125.101	Other services with the private sector	318	4,716	4,788	4,813
125.201	Purchases goods/services (inter/intra) Fed accounts	469,878	389,411	363,604	352,148
125.301	Purchase of goods/services from other Fed agencies	401,674	332,819	310,953	301,019
125.302	Payments to foreign national indirect hire personnel	20,784	20,815	21,912	22,393
125.303	Purchases from revolving funds	3,433	2,845	2,658	2,573
125.401	Contract O&M of facilities including GOCOS	543	450	420	407
125.701	Contract O&M of equip. including ADP hard/software	16,433	13,616	12,721	12,315
125.801	Contract for subsistence and support of persons	116,891	96,854	90,490	87,599
126.001	Supplies and materials	13,089	14,004	13,608	13,212
131.001	Equipment	13,616	6,261	6,083	5,907
132.001	Land and structures	101			
143.001	Interest and dividends	20	10	10	9
199.001	Total Direct obligations	1,338,590	1,212,466	1,148,937	1,118,008
Reimbursable obligations:					
Personnel Compensation:					
211.101	Full-time permanent	47			
211.901	Total personnel compensation	47			
Personnel Benefits: Civilian Personnel					
212.101	Travel and transportation of persons		2	2	2
221.001	Rental payments to GSA		1	1	1
223.101	Rental payments to others	3			
223.201	Communications, utilities, and miscellaneous charges	430	4,663	3,770	3,769
223.301	Other services with the private sector	956			
225.201	Purchases goods/services (inter/intra) Fed accounts	6,929	14,981	12,116	12,113

Family Housing Operations & Debt, Army
Object Classification (in Thousands of dollars)

00 FEB 97
PAGE 1161
TPGE 1073

Identification code	21-7025-0-1-051	1996 actual	1997 est.	1998 est.	1999 est.
225.301	Purchase of goods/services from other Fed agencies	5,306			
225.302	Payments to foreign national indirect hire personnel		182	164	168
225.303	Purchases from revolving funds	258			
225.701	Contract O&M of equip. including ADP hard/software	27			
225.801	Contract for subsistence and support of persons	1,475			
226.001	Supplies and materials	20	59	48	48
231.001	Equipment		1,112	899	899
		15,451.	21,000	17,000	17,000
299.001	Total Reimbursable obligations				
		1,354,041	1,233,466	1,165,937	1,135,008
999.901	Total obligations				

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
NEW CONSTRUCTION

	(\$ in Thousands)
FY 1999 Program	\$81,000
FY 1998 Program	\$88,650

PURPOSE AND SCOPE

This program provides for replacing housing where analysis indicates it will be more economical to replace rather than renovate existing housing. Project cost estimates include site preparation, demolition, construction, and initial outfitting with fixtures and integral equipment, along with associated facilities such as roads, driveways, walks, utility systems, solar energy systems, and community facilities.

PROGRAM SUMMARY

Authorization is requested in FY 1999 for:

1. Construction of 536 family housing units to replace 643 units which are not economical to revitalize and which will be demolished.

2. Appropriation in the amount of \$81,000,000 (includes \$8,351,000 for demolition) to fund construction of 536 family housing units and demolition of 643 existing family housing units.

A summary of the requested new construction funding program for FY 1999 follows:

<u>Location</u>	<u>Mission</u>	<u>Number of Units</u> <u>Constr.</u>	<u>Demolished</u>	<u>Amount</u> <u>(\$000)</u>
Deficit Reduction:		0	0	0
Replacement:				
Redstone Arsenal, AL	Current	118	256	15,800
Schofield Barracks, HI	Current	94	94	21,700
Fort Bragg, NC	Current	170	170	20,800
Fort Hood, TX	Current	<u>154</u>	<u>154</u>	<u>22,700</u>
TOTAL		536	674	81,000

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1. COMPONENT ARMY		FY 1998-1999 MILITARY CONSTRUCTION PROGRAM				2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Redstone Arsenal Alabama		4. COMMAND US Army Materiel Command				5. AREA CONSTRUCTION COST INDEX 0.94	

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
	TOTAL									
A. AS OF 30 SEP 1996	385	762	7491	50	784	18	37	193	11981	21,701
B. END FY 2003	418	751	7554	45	821	16	36	181	11144	20,966

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	15,342 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	389,518
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	0
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	15,800
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	405,318

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM: NONE

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
711	Family Housing Replacement Construction	15,800
TOTAL		15,800
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

Headquarters of the U.S. Army Missile Command, the principal commodity center for the research, development, and acquisition effort for rockets, guided missiles and related systems and equipment. Home of the U.S. Army Ordnance Missile and Munitions Center and School (OMMCS) which conducts missile and munitions training. Home of the U.S. Army Test, Measurement and Diagnostic Equipment (TMDE) Support Group and the Redstone Technical Test Center. Also home of the Redstone Arsenal Rocket Engine Facility which produces solid propellant rocket motors.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Redstone Arsenal, Alabama				4. PROJECT TITLE Family Housing Replacement Construction		
5. PROGRAM ELEMENT 88741A		6. CATEGORY CODE 711	7. PROJECT NUMBER 47924		8. PROJECT COST (\$000) Auth 15,800 Approp 15,800	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						9,504
Family Housing, Jr & Sr NCO			FA	118	80,169	(9,460)
Building Information Systems			LS	--	--	(44)
<u>SUPPORTING FACILITIES</u>						4,747
Electric Service			LS	--	--	(516)
Water, Sewer, Gas			LS	--	--	(793)
Paving, Walks, Curbs And Gutters			LS	--	--	(304)
Storm Drainage			LS	--	--	(122)
Site Imp(381) Demo(2,584)			LS	--	--	(2,965)
Information Systems			LS	--	--	(47)
ESTIMATED CONTRACT COST						14,251
CONTINGENCY PERCENT (5.00%)						713
SUBTOTAL						14,964
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						898
TOTAL REQUEST						15,862
TOTAL REQUEST (ROUNDED)						15,800
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10. Description of Proposed Construction Whole neighborhood revitalization by demolishing 256 family housing units (253 junior and senior noncommissioned officer (NCO) Capehart units constructed in 1957 and 3 company grade units constructed in 1959) that are uneconomical to revitalize, and constructing 118 replacement units built to current standards. Construction consists of variously configured single and/or multi-unit, one and two story buildings. Dwelling units will be factory built/manufactured houses and/or conventionally on-site constructed houses. The design includes wood-frame construction with brick veneer or prefinished siding, central heating and air conditioning, appliances, hard wired interconnected smoke detectors, landscaping, streets, driveways, carports, exterior storage, street lighting, utility services, recreational areas and walks. At least five percent of the quarters will be constructed such that they are accessible and easily modifiable to accommodate the requirements of the handicapped.						

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 1997																																																	
3. INSTALLATION AND LOCATION Redstone Arsenal, Alabama																																																			
4. PROJECT TITLE Family Housing Replacement Construction		5. PROJECT NUMBER 47924																																																	
<p>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">GRADE</th> <th style="text-align: center;">NUMBER BEDROOMS</th> <th style="text-align: center;">NET AREA (SQ M)</th> <th style="text-align: center;">PROJECT FACTOR</th> <th style="text-align: center;">UNIT COST</th> <th style="text-align: center;">NUMBER OF UNITS</th> <th style="text-align: center;">TOTAL (\$000)</th> </tr> </thead> <tbody> <tr> <td>JR NCO</td> <td style="text-align: center;">3</td> <td style="text-align: center;">111.5</td> <td style="text-align: center;">0.912</td> <td style="text-align: center;">745</td> <td style="text-align: center;">72</td> <td style="text-align: center;">5,455</td> </tr> <tr> <td>JR NCO</td> <td style="text-align: center;">4</td> <td style="text-align: center;">125.4</td> <td style="text-align: center;">0.912</td> <td style="text-align: center;">745</td> <td style="text-align: center;">38</td> <td style="text-align: center;">3,238</td> </tr> <tr> <td>JR NCO</td> <td style="text-align: center;">5</td> <td style="text-align: center;">144.0</td> <td style="text-align: center;">0.912</td> <td style="text-align: center;">745</td> <td style="text-align: center;">4</td> <td style="text-align: center;">391</td> </tr> <tr> <td>SR NCO</td> <td style="text-align: center;">4</td> <td style="text-align: center;">134.7</td> <td style="text-align: center;">0.912</td> <td style="text-align: center;">745</td> <td style="text-align: center;">3</td> <td style="text-align: center;">275</td> </tr> <tr> <td>SR NCO</td> <td style="text-align: center;">4</td> <td style="text-align: center;">148.2</td> <td style="text-align: center;">0.912</td> <td style="text-align: center;">745</td> <td style="text-align: center;">1</td> <td style="text-align: center;">101</td> </tr> <tr> <td colspan="5" style="text-align: right;">TOTAL:</td> <td style="text-align: center;">118</td> <td style="text-align: center;">9,460</td> </tr> </tbody> </table>			GRADE	NUMBER BEDROOMS	NET AREA (SQ M)	PROJECT FACTOR	UNIT COST	NUMBER OF UNITS	TOTAL (\$000)	JR NCO	3	111.5	0.912	745	72	5,455	JR NCO	4	125.4	0.912	745	38	3,238	JR NCO	5	144.0	0.912	745	4	391	SR NCO	4	134.7	0.912	745	3	275	SR NCO	4	148.2	0.912	745	1	101	TOTAL:					118	9,460
GRADE	NUMBER BEDROOMS	NET AREA (SQ M)	PROJECT FACTOR	UNIT COST	NUMBER OF UNITS	TOTAL (\$000)																																													
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SR NCO	4	148.2	0.912	745	1	101																																													
TOTAL:					118	9,460																																													
<p>PROJECT: Whole neighborhood revitalization by replacing 256 family quarters with 114 junior and 4 senior noncommissioned officer (NCO) family housing units, neighborhood amenities and supporting infrastructure to current standards. Project includes demolition of 256 existing quarters which are uneconomical to revitalize to current standards. (Current Mission)</p> <p>REQUIREMENT: This project is required to improve existing living conditions for junior noncommissioned officer family quarters, neighborhood amenities and support facilities by providing quarters that meet current standards of quality of life, energy conservation, size, habitability and safety. Existing units are deteriorated to the extent that they cannot be economically improved to meet current standards.</p> <p>CURRENT SITUATION: These units were constructed to minimum construction standards and require major improvements. Units are undersized with poor functional layouts. The kitchens and baths are poorly arranged, worn out and need replacement. Single pane windows have deteriorated resulting in water damage to wall surfaces. Parquet wood flooring can no longer be refinished, requiring replacement. The electrical system lacks sufficient outlets and is inadequately grounded. Air conditioning units require replacement. Adequate insulation is lacking. Interior plumbing and fixtures are corroded and leaking, requiring frequent and costly repairs. Off-street parking is limited and on-street parking results in traffic congestion and unsafe conditions for children at play. Roofs require replacement in that shingles have curled and leaks are resulting in interior water damage. Many units do not have privacy fencing and patios are poorly located. The existing 256 units include 2 four-bedroom units with 118.9 net square meters (NSM), 149 three-bedroom units (14 with 102.2 NSM, 48 with 97.1 NSM, 84 with 87.5 NSM, and 3 with 104.0 NSM), and 105 two-bedroom units at 81.8 NSM.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, service members will continue to reside in housing that does not provide an acceptable quality of life and the buildings will rapidly deteriorate. This adversely affects the health, safety and quality of life of these enlisted personnel and their families. Maintenance and energy costs will continue to accelerate, preventing achievement of the President's energy reduction goals. Additionally, goals for</p>																																																			

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 1997
3. INSTALLATION AND LOCATION Redstone Arsenal, Alabama		
4. PROJECT TITLE Family Housing Replacement Construction		5. PROJECT NUMBER 47924
<p>IMPACT IF NOT PROVIDED: (CONTINUED)</p> <p>divestiture of excess Army family housing will not be met.</p> <p>ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combating terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 2 October 1995. The life cycle cost analysis shows replacement to be more cost effective than all other feasible alternatives.</p>		
<p>Installation Engineer: David S. Branham</p> <p>Phone Number: 205/876-3516</p>		

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT February 1997		2. FISCAL YEAR 1999		REPORT CONTROL SYMBOL P&L (AR) 1716	
3. DOD COMPONENT ARMY		4. REPORTING INSTALLATION							
5. DATA AS OF		a. NAME Redstone Arsenal A01202				b. LOCATION Huntsville AL 35898-5000			
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		472	1,465	274	2,211	499	1,477	276	2,252
7. PERMANENT PARTY PERSONNEL		422	890	166	1,478	454	860	161	1,475
8. GROSS FAMILY HOUSING REQUIREMENTS		349	696	32	1,077	376	672	31	1,079
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)		0	0	0	0				
a. INVOLUNTARILY SEPARATED					0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED					0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY					0				
10. VOLUNTARY SEPARATIONS		16	47	0	63	17	45	0	62
11. EFFECTIVE HOUSING REQUIREMENTS		333	649	32	1,014	359	627	31	1,017
12. HOUSING ASSETS (a + b)		333	649	34	1,016	306	599	31	936
a. UNDER MILITARY CONTROL		277	640	34	951	243	592	31	866
(1) Housed in Existing DOD Owned/Controlled		277	640	32	949	243	592	31	866
(2) Under Contract / Approved								0	0
(3) Vacant				2	2				
(4) Inactive					0				
b. PRIVATE HOUSING		56	9	0	65	63	7		70
(1) Acceptably Housed		56	9		65				
(2) Acceptable Vacant Rental					0				
13. EFFECTIVE HOUSING DEFICIT		0	0	-2	-2	53	28	0	81
14. PROPOSED PROJECT							118		118
15. REMARKS (Specify item number)									
Line 14: This project demolishes 256 units that are uneconomical to revitalize and replaces them with 118 Enlisted units.									
Senior NCO 4 4 Bedroom Units									
Junior NCO 4 5 Bedroom Units									
Junior NCO 38 4 Bedroom Units									
Junior NCO 72 3 Bedroom Units									

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM		2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Schofield Barracks Hawaii	4. COMMAND US Army Pacific		5. AREA CONSTRUCTION COST INDEX 1.73	

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1996	2217	12652	4321	18	98	0	158	1358	4131	24,953
B. END FY 2003	2189	12903	4413	26	102	0	165	1385	4114	25,297

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	5,517 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	359,600
C. AUTHORIZATION NOT YET IN INVENTORY.....	91,649
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	26,600
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	21,700
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	60,600
H. GRAND TOTAL.....	560,149

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:				
CATEGORY PROJECT			COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
711	39037	Family Housing Replacement Construction	26,600	TURNKEY
TOTAL			26,600	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 1999 PROGRAM:		
711	Family Housing Replacement Construction	21,700
TOTAL		21,700
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

The primary mission of Schofield Barracks is to sustain the readiness status of the 25th Infantry Division. Schofield Barracks is one of the primary family housing sites for Army personnel, and also provides administration, unaccompanied housing, support and training facilities for the Army in Hawaii.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

(\$000)

A. AIR POLLUTION

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 1997
INSTALLATION AND LOCATION: Schofield Barracks Hawaii		
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (...CONTINUED) <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="margin-right: 20px;">(\$000)</div> <div></div> </div> <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="margin-right: 20px;">B. WATER POLLUTION</div> <div></div> </div> <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="margin-right: 20px;">C. OCCUPATIONAL SAFETY AND HEALTH</div> <div></div> </div>		
REMARKS : SECTION 3 ARMY FAMILY HOUSING: 14 JAN 1997 The estimated cost to remedy deficiencies to a C-1 status in all existing permanent and semi-permanent family housing facilities at this installation is \$557,783,000 based on the Installation Status Report (ISR) information on facilities conditions as of May 1996.		

1. COMPONENT		FY 1999		MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY						FEBRUARY 1997	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
Schofield Barracks, Hawaii				Family Housing Replacement Construction			
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
88741A		711		47296		Auth 21,700 Approp 21,700	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							16,484
Family Housing (94 Units)				FA	94	172,415	(16,207)
Termite Barrier				EA	94	2,250	(212)
Building Information Systems				LS	--	--	(65)
<u>SUPPORTING FACILITIES</u>							2,859
Electric Service				LS	--	--	(528)
Water, Sewer, Gas				LS	--	--	(320)
Paving, Walks, Curbs And Gutters				LS	--	--	(294)
Storm Drainage				LS	--	--	(297)
Site Imp(620) Demo(624)				LS	--	--	(1,244)
Information Systems				LS	--	--	(176)
ESTIMATED CONTRACT COST							19,343
CONTINGENCY PERCENT (5.00%)							967
SUBTOTAL							20,310
SUPERVISION, INSPECTION & OVERHEAD (6.50%)							1,320
TOTAL REQUEST							21,630
TOTAL REQUEST (ROUNDED)							21,700
INSTALLED EQT-OTHER APPROPRIATIONS							(0)
10. Description of Proposed Construction Whole neighborhood revitalization by demolishing 94 company grade officer family quarters that are uneconomical to revitalize and constructing 94 replacement units built to current standards. Replacement construction consists of variously configured one or two story multi-units at Schofield Barracks. Dwelling units will be factory built and/or manufactured houses and/or conventionally on-site constructed houses. The design includes wood frame construction, brick veneer, stucco or prefinished siding. Each unit will be provided with one covered and one uncovered parking stall. Supporting facilities include all required utilities services, paving, walks, site improvements, storm drainage, information systems and landscaping. Passive solar energy conservation measures will be included if cost effective. Project will provide all appliances and equipment for functional living units, including smoke detectors. Demolish eighty-two buildings (94 units) to include asbestos removal. At least five percent of the quarters will be constructed such that they will be accessible and easily modifiable to accommodate the requirements of the handicapped.							

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 1997																																			
3. INSTALLATION AND LOCATION Schofield Barracks, Hawaii																																					
4. PROJECT TITLE Family Housing Replacement Construction	5. PROJECT NUMBER 47296																																				
<p>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade</th> <th style="text-align: center;">No of Bedrooms</th> <th style="text-align: center;">Net Area (SQ M)</th> <th style="text-align: center;">Project Factor</th> <th style="text-align: center;">Unit Cost</th> <th style="text-align: center;">No of Units</th> <th style="text-align: center;">Total \$(000)</th> </tr> </thead> <tbody> <tr> <td>OFC (01-03)</td> <td style="text-align: center;">5</td> <td style="text-align: center;">144.0</td> <td style="text-align: center;">1.69</td> <td style="text-align: center;">767</td> <td style="text-align: center;">5</td> <td style="text-align: center;">933</td> </tr> <tr> <td>OFC (01-03)</td> <td style="text-align: center;">4</td> <td style="text-align: center;">134.7</td> <td style="text-align: center;">1.69</td> <td style="text-align: center;">767</td> <td style="text-align: center;">67</td> <td style="text-align: center;">11,698</td> </tr> <tr> <td>OFC (01-03)</td> <td style="text-align: center;">3</td> <td style="text-align: center;">125.4</td> <td style="text-align: center;">1.69</td> <td style="text-align: center;">767</td> <td style="text-align: center;">22</td> <td style="text-align: center;">3,576</td> </tr> <tr> <td colspan="5"></td> <td style="text-align: center; border-top: 1px solid black;">94</td> <td style="text-align: center; border-top: 1px solid black;">16,207</td> </tr> </tbody> </table>			Grade	No of Bedrooms	Net Area (SQ M)	Project Factor	Unit Cost	No of Units	Total \$(000)	OFC (01-03)	5	144.0	1.69	767	5	933	OFC (01-03)	4	134.7	1.69	767	67	11,698	OFC (01-03)	3	125.4	1.69	767	22	3,576						94	16,207
Grade	No of Bedrooms	Net Area (SQ M)	Project Factor	Unit Cost	No of Units	Total \$(000)																															
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OFC (01-03)	3	125.4	1.69	767	22	3,576																															
					94	16,207																															
<p><u>PROJECT:</u> Whole neighborhood revitalization by replacing 94 company grade officer family housing dwelling units including supporting infrastructure and neighborhood amenities. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to improve existing family housing living conditions for company grade officers and their families by providing quarters that meet current standards of quality of life, energy conservation, size, habitability and safety. Existing units are deteriorated to the extent that they cannot be economically renovated to current standards.</p> <p><u>CURRENT SITUATION:</u> Living spaces in these units do not meet acceptable standards of comfort and habitability. Constructed in 1918 and 1923, the units are old and deteriorated. The living, dining, kitchen, bedrooms, and bathroom area require extensive repairs and redesign. Electrical service is inadequate and does not meet current standards. The incandescent lighting is poor and not energy efficient. The kitchen and bathroom fixtures and facilities are deteriorated and require replacement. Presently, the site has limited available parking spaces and carports. On-street parking is overcrowded making most streets only accessible to one-way traffic, and posing hazard to children at play. The sewer lines are old and deteriorated and also require replacement. The State Historic Preservation Officer has agreed to the demolition of these family housing units within eight years, otherwise this agreement will be reviewed to determine if it should be amended or terminated.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the quarters will continue to deteriorate, causing maintenance and energy costs to accelerate. Service members will continue to reside in inadequate quarters which adversely affects the health, safety and quality of life of these company grade officer personnel and their families.</p> <p><u>ADDITIONAL:</u> This project complies with the scope and design criteria of DOD 4270.1M, "Construction Criteria" that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 2 October 1995. The life cycle cost analysis shows replacement construction to be more cost effective than all other feasible alternatives. This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism(CBT/T) measures are required.</p> <p style="text-align: right;">Installation Engineer: Colonel Dennis J. Fontana Phone Number: 808/656-1289</p>																																					

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT February 1997	2. FISCAL YEAR 1999	REPORT CONTROL SYMBOL P&L (AR) 1716		
3. DOD COMPONENT ARMY		4. REPORTING INSTALLATION						
5. DATA AS OF		a. NAME US Army Oahu, Hawaii			b. LOCATION Honolulu HI 96858-5000			
ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	2,393	11,879	2,229	16,501	2,380	12,117	2,273	16,770
7. PERMANENT PARTY PERSONNEL	2,375	11,804	2,215	16,394	2,354	12,039	2,258	16,651
8. GROSS FAMILY HOUSING REQUIREMENTS	1,662	8,895	677	11,234	1,647	9,071	690	11,408
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	52	396	0	448				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY	52	396		448				
10. VOLUNTARY SEPARATIONS	79	364	73	516				
11. EFFECTIVE HOUSING REQUIREMENTS	1,583	8,531	604	10,718	1,568	8,699	616	10,883
12. HOUSING ASSETS (a + b)	1,531	8,135	604	10,270	1,541	8,325	616	10,482
a. UNDER MILITARY CONTROL	1,161	5,940	570	7,671	1,161	5,940	570	7,671
(1) Housed in Existing DOD Owned/Controlled	1,161	5,940	570	7,671	1,161	5,940	570	7,671
(2) Under Contract / Approved							0	0
(3) Vacant				0				
(4) Inactive				0				
b. PRIVATE HOUSING	370	2,195	34	2,599	380	2,385	46	2,811
(1) Acceptably Housed	370	2,195	34	2,599				
(2) Acceptable Vacant Rental				0				
13. EFFECTIVE HOUSING DEFICIT	52	396	0	448	27	374	0	401
14. PROPOSED PROJECT					94			94
15. REMARKS (Specify item number)								
Line 14: This project demolishes 94 uneconomical to revitalize units and replaces them with 94 Company Grade Officer units.								
There is no net change to the inventory as a result of this project.								
Company Grade Officer:								
5 5 Bedroom Units								
67 4 Bedroom Units								
22 3 Bedroom Units								

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1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 1997								
<div style="display: flex; justify-content: space-between;"> <div>INSTALLATION AND LOCATION: Fort Bragg</div> <div>North Carolina</div> </div>										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: right;">(\$000)</th> </tr> </thead> <tbody> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </tbody> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>SECTION 3 ARMY FAMILY HOUSING: 14 JAN 1997 The estimated cost to remedy deficiencies to a C-1 status in all permanent and semi-permanent family housing facilities at this installation is \$197,965,000 based on the Installation Status Report (ISR) information on facilities conditions as of May 1996.</p>										

1. COMPONENT		FY 1999		MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY						FEBRUARY 1997	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
Fort Bragg, North Carolina				Family Housing Replacement Construction			
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
88741A		711		41640		Auth 20,800 Approp 20,800	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							11,613
Family Housing 2 BR JrNCO				FA	90	58,544	(5,269)
Family Housing 3 BR JrNCO				FA	40	73,925	(2,957)
Family Housing 4 BR JrNCO				FA	40	83,150	(3,326)
Building Information Systems				LS	--	--	(61)
<u>SUPPORTING FACILITIES</u>							7,081
Electric Service				LS	--	--	(671)
Water, Sewer, Gas				LS	--	--	(1,282)
Paving, Walks, Curbs And Gutters				LS	--	--	(1,054)
Storm Drainage				LS	--	--	(374)
Site Imp(1,561) Demo(2,010)				LS	--	--	(3,571)
Information Systems				LS	--	--	(129)
ESTIMATED CONTRACT COST							18,694
CONTINGENCY PERCENT (5.00%)							935
SUBTOTAL							19,629
SUPERVISION, INSPECTION & OVERHEAD (6.00%)							1,178
TOTAL REQUEST							20,807
TOTAL REQUEST (ROUNDED)							20,800
INSTALLED EQT-OTHER APPROPRIATIONS							(0)
10. Description of Proposed Construction Whole neighborhood revitalization by replacement of 170 junior enlisted and junior noncommissioned officer Wherry family housing units constructed in 1951 that are uneconomical to revitalize. The existing 170 housing units (21,524 square meters) will be demolished and the site expanded to reduce the high density of units. Replacement units will consist of variously configured one and two story multi-units and/or detached one or two story duplex units. Units will be factory built/manufactured houses and/or conventionally on-site constructed houses. The design includes wood frame construction, brick veneer, or prefinished siding, and will include garages and patios. Supporting facilities include utilities, storm drainage, information (telephone and cable TV) systems, paving, walks, curbs and gutters, recreation facilities and landscaping. Project will provide appliances, garbage disposal, water heater, and smoke detectors. Asbestos and lead based paint removal is required. At least five percent of the units will be accessible and easily modifiable to accommodate the requirements of the handicapped.							

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE			
ARMY			FEBRUARY 1997			
3. INSTALLATION AND LOCATION						
Fort Bragg, North Carolina						
4. PROJECT TITLE			5. PROJECT NUMBER			
Family Housing Replacement Construction			41640			
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)						
Grade	Bedrooms	Net Area (SQ M)	Project Factor	Unit Cost	No. Units	Total (\$000)
JRENL	2	88.3	0.89	745	90	5,269
JRENL	3	111.5	0.89	745	40	2,957
JRENL	4	125.4	0.89	745	40	3,326
Total					170	11,552
<p>PROJECT: Whole neighborhood revitalization by replacement of 170 junior enlisted and junior NCO family housing units to current construction standards including the supporting infrastructure and neighborhood amenities. (Current Mission)</p> <p>REQUIREMENT: This project is required to improve living conditions of junior NCO and junior enlisted Wherry family quarters, neighborhood amenities and support facilities to meet current standards of size, habitability, and safety.</p> <p>CURRENT SITUATION: These 170 family housing units were constructed in 1951 using the tract housing concept and suffer from numerous inadequacies typical of housing constructed under the Wherry program. Foundations below grade are cracked, and the brick veneer is displaced. Vehicle parking is lacking for residents, often a long distance from their quarters, and visitors park on the grass. Pavements are worn and streets too narrow for safe passage. Interior and exterior storage is insufficient. The electrical systems are inadequate to accommodate the electronics that accompany today's typical family. The bathroom fixtures, plumbing, heating and air conditioning systems need to be replaced. Eighty four, two story units lack bathrooms on the first floor. Ceiling and wall insulation, insulated pane windows, and insulated doors are required to improve energy efficiency. Rotten subflooring needs to be replaced. The overhead electrical wiring needs to be replaced with underground service, existing water and sewer lines require replacement, and new playground equipment, privacy fences and landscaping are required. While these units are over forty years old, they do not have adequate landscaping associated with older neighborhoods. The units generally have a poor outside appearance and interior living environment. Asbestos exists in floor tile mastic. Lead based paint exists on some exterior and interior surfaces. Plumbing joints and fixtures are suspected of elevating the lead in the water to unacceptable levels.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, service members will continue to reside in inadequate housing which will continue to deteriorate. This adversely affects the health, safety and quality of life of these enlisted personnel and their families, with concurrent acceleration of maintenance costs.</p> <p>ADDITIONAL: The life cycle economic analysis shows replacement of existing</p>						

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 1997
3. INSTALLATION AND LOCATION Fort Bragg, North Carolina		
4. PROJECT TITLE Family Housing Replacement Construction		5. PROJECT NUMBER 41640
<p><u>ADDITIONAL: (CONTINUED)</u></p> <p>housing to be more cost effective than all other feasible alternatives. This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 2 October 1995.</p>		
<p>Installation Engineer: Colonel James R. Houghon Phone Number: 910/396-4009</p>		

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT February 1997	2. FISCAL YEAR 1999	REPORT CONTROL SYMBOL P&L (AR) 1716			
3. DOD COMPONENT ARMY		4. REPORTING INSTALLATION							
5. DATA AS OF		a. NAME Fort Bragg A37225			b. LOCATION Fayetteville NC 28307-5000				
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		5,950	29,586	7,181	42,717	5,917	30,096	7,305	43,318
7. PERMANENT PARTY PERSONNEL		5,732	28,709	6,969	41,410	5,710	29,257	7,102	42,069
8. GROSS FAMILY HOUSING REQUIREMENTS		3,951	18,980	1,916	24,847	3,935	19,506	1,969	25,410
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)		522	2,379	338	3,239				
a. INVOLUNTARILY SEPARATED					0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED					0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY		522	2,379	338	3,239				
10. VOLUNTARY SEPARATIONS		159	1,070	130	1,359	158	1,091	133	1,382
11. EFFECTIVE HOUSING REQUIREMENTS		3,792	17,910	1,786	23,488	3,777	18,415	1,836	24,028
12. HOUSING ASSETS (a + b)		3,270	15,531	1,448	20,249	3,189	15,723	1,466	20,378
a. UNDER MILITARY CONTROL		985	3,792	309	5,086	985	3,792	309	5,086
(1) Housed in Existing DOD Owned/Controlled		985	3,792	309	5,086	985	3,792	309	5,086
(2) Under Contract / Approved								0	0
(3) Vacant					0				
(4) Inactive					0				
b. PRIVATE HOUSING		2,285	11,739	1,139	15,163	2,204	11,931	1,157	15,292
(1) Acceptably Housed		2,285	11,739	1,139	15,163				
(2) Acceptable Vacant Rental					0				
13. EFFECTIVE HOUSING DEFICIT		522	2,379	338	3,239	588	2,692	370	3,650
14. PROPOSED PROJECT								170	170
15. REMARKS (Specify item number)									
Line 14: This project demolishes 170 uneconomical to repair units and replaces them with 170 Junior enlisted units. There is no net change to the inventory as a result of this project.									
Junior Enlisted: 40 4 Bedroom Units 40 3 Bedroom Units 90 2 Bedroom Units									

1. COMPONENT ARMY		FY 1998-1999 MILITARY CONSTRUCTION PROGRAM				2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Fort Hood Texas		4. COMMAND US Army Forces Command				5. AREA CONSTRUCTION COST INDEX 0.90	

6. PERSONNEL STRENGTH:		PERMANENT		STUDENTS		SUPPORTED			
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST
A. AS OF 30 SEP 1996		4391	36976	3549	0	346	0	70	303
								2909	48,544
B. END FY 2003		4442	37442	3479	0	323	0	70	304
								2969	49,029

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	88,023 ha
B. INVENTORY TOTAL AS OF 30 SEP 1996.....	960,506
C. AUTHORIZATION NOT YET IN INVENTORY.....	62,300
D. AUTHORIZATION REQUESTED IN THE FY 1998 PROGRAM.....	18,800
E. AUTHORIZATION REQUESTED IN THE FY 1999 PROGRAM.....	22,700
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	36,000
H. GRAND TOTAL.....	1,100,306

8. PROJECTS REQUESTED IN THE FY 1998 PROGRAM:			
CATEGORY	PROJECT	COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	START COMPLETE
711	23495	Family Housing Replacement Construction	TURNKEY
		TOTAL	18,800

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
CODE		
A. REQUESTED IN THE FY 1999 PROGRAM:		
711	Family Housing Replacement Construction	22,700
		TOTAL
		22,700
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
Support and training of III Corps Headquarters and organizations assigned to III Corps, including 1st CAV Division. Ensure the most efficient utilization of resources to operate Fort Hood and accomplish all assigned missions. Ensure Fort Hood is prepared for mobilization.	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
A. AIR POLLUTION	(\$000) 0

1. COMPONENT ARMY	FY 1998-1999 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 1997
INSTALLATION AND LOCATION: Fort Hood Texas		
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (...CONTINUED) <div style="text-align: right;">(\$000)</div> <div style="display: flex; justify-content: space-between;"> <div>B. WATER POLLUTION</div> <div>0</div> </div> <div style="display: flex; justify-content: space-between;"> <div>C. OCCUPATIONAL SAFETY AND HEALTH</div> <div>0</div> </div>		
REMARKS : SECTION 3 ARMY FAMILY HOUSING: 14 JAN 1997 The estimated cost to remedy deficiencies to a C-1 status in all existing permanent and semi-permanent family housing facilities at this installation is \$170,087,000 based on the Installation Status Report (ISR) information on facilities conditions as of May 1996.		
Empty space for additional remarks		

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Fort Hood, Texas			4. PROJECT TITLE Family Housing Replacement Construction		
5. PROGRAM ELEMENT 88741A	6. CATEGORY CODE 711	7. PROJECT NUMBER 23667	8. PROJECT COST (\$000) Auth 22,700 Approp 22,700		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY					13,287
Family Housing		FA	154	85,922	(13,232)
Building Information Systems		LS	--	--	(55)
SUPPORTING FACILITIES					7,154
Electric Service		LS	--	--	(741)
Water, Sewer, Gas		LS	--	--	(1,786)
Paving, Walks, Curbs And Gutters		LS	--	--	(690)
Storm Drainage		LS	--	--	(60)
Site Imp(1,282) Demo(2,400)		LS	--	--	(3,681)
Information Systems		LS	--	--	(196)
ESTIMATED CONTRACT COST					20,441
CONTINGENCY PERCENT (5.00%)					1,022
SUBTOTAL					21,463
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					1,288
TOTAL REQUEST					22,751
TOTAL REQUEST (ROUNDED)					22,700
INSTALLED EQT-OTHER APPROPRIATIONS					(0)
10. Description of Proposed Construction Whole neighborhood revitalization by demolition of 154 two and three bedroom enlisted family quarters in Chaffee Village built in 1955-58, and construction of 87 four and 67 five-bedroom (154 total) junior noncommissioned officer (NCO) family dwelling units, Phase III of V. Replacement construction will be on a new site and consist of variously configured multi-units and/or single buildings. Dwelling units will be factory built/manufactured houses and/or conventionally on-site constructed houses with garages. The design includes wood frame construction, brick veneer, or pre-finished siding. The dwelling units will be heated and air conditioned, and include all required utility services (including natural gas), communications, paving, walks, landscaping, recreation facilities and site improvements. Passive solar energy conservation measures will be utilized where shown to be cost effective. Project will provide all appliances, washer and dryer connections, garbage disposal, water heater and smoke detectors. At least five percent of the quarters will be constructed such that they will be accessible and easily modifiable to accommodate the requirements of the handicapped. Neighborhood amenities include bus stop shelters, roadways, play grounds (tot-lots), multi-purpose courts, sidewalks, recreation fields and a physical fitness trail. The proposed site lacks roadway access. Work includes					

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 1997																												
3. INSTALLATION AND LOCATION Fort Hood, Texas																														
4. PROJECT TITLE Family Housing Replacement Construction		5. PROJECT NUMBER 23667																												
<p><u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u> demolition of 154 existing units including lead based paint, asbestos and chlordane abatement as required.</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade</th> <th style="text-align: left;">Bedrooms</th> <th style="text-align: right;">Net Area (SQ M)</th> <th style="text-align: right;">Project Factor</th> <th style="text-align: right;">Unit Cost</th> <th style="text-align: right;">No. Units</th> <th style="text-align: right;">(\$000) Total</th> </tr> </thead> <tbody> <tr> <td>JRNCO</td> <td>4</td> <td style="text-align: right;">125.4</td> <td style="text-align: right;">0.864</td> <td style="text-align: right;">745</td> <td style="text-align: right;">87</td> <td style="text-align: right;">7,022</td> </tr> <tr> <td>JRNCO</td> <td>5</td> <td style="text-align: right;">144.0</td> <td style="text-align: right;">0.864</td> <td style="text-align: right;">745</td> <td style="text-align: right;">67</td> <td style="text-align: right;">6,210</td> </tr> <tr> <td colspan="5" style="text-align: right;">Total</td> <td style="text-align: right;">154</td> <td style="text-align: right;">13,232</td> </tr> </tbody> </table>			Grade	Bedrooms	Net Area (SQ M)	Project Factor	Unit Cost	No. Units	(\$000) Total	JRNCO	4	125.4	0.864	745	87	7,022	JRNCO	5	144.0	0.864	745	67	6,210	Total					154	13,232
Grade	Bedrooms	Net Area (SQ M)	Project Factor	Unit Cost	No. Units	(\$000) Total																								
JRNCO	4	125.4	0.864	745	87	7,022																								
JRNCO	5	144.0	0.864	745	67	6,210																								
Total					154	13,232																								
<p><u>PROJECT:</u> Whole neighborhood revitalization by replacement of 154 enlisted family dwelling units and supporting facilities located in the Chaffee Village area with 154 four and five bedroom units on a new site. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to improve existing living conditions for junior noncommissioned officer family quarters, neighborhood amenities and supporting facilities by providing quarters that meet current standards of quality of life, energy conservation, size, habitability and safety. Existing units are deteriorated to the extent that they cannot be economically improved to meet current standards.</p> <p><u>CURRENT SITUATION:</u> These 154 dwellings were constructed in 1955-58 and lack carports and adequate bulk storage. Many have only one and one-half baths which are deteriorated. Kitchens do not provide adequate storage or counter space, and the heating and air conditioning systems are inefficient and require excessive maintenance. Frequent repairs cause significant inconvenience to occupants and increasing costs to the government. The energy efficiency of the units is very low by today's standards, causing increased utility consumption and costs.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, service members will continue to reside in inadequate quarters, and deterioration of the facilities will continue to accelerate. This adversely affects the health, safety and quality of life for these enlisted personnel and their families. Maintenance and energy costs will continue to accelerate, and the President's energy reduction goal will not be met.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," as implemented by the Army's Architectural And Engineering Instructions (AEI), "Design Criteria", dated 2 October 1995. The life cycle cost analysis shows replacement construction to be more cost effective than all other feasible alternatives.</p>																														
Installation Engineer: Colonel Albert G. Bungard Phone Number: 817/287-5707																														

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT February 1997	2. FISCAL YEAR 1999	REPORT CONTROL SYMBOL P&L (AR) 1716		
3. DOD COMPONENT ARMY		4. REPORTING INSTALLATION						
5. DATA AS OF		a. NAME Fort Hood A48255			b. LOCATION Fort Hood TX 76544			
ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	4,461	28,100	9,525	42,086	4,512	28,432	9,637	42,581
7. PERMANENT PARTY PERSONNEL	4,461	27,851	9,440	41,752	4,512	28,199	9,559	42,270
8. GROSS FAMILY HOUSING REQUIREMENTS	2,916	19,016	2,930	24,862	2,950	19,254	2,967	25,171
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	570	2,240	828	3,638				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY	570	2,240	828	3,638				
10. VOLUNTARY SEPARATIONS	124	1,311	299	1,734	126	1,328	303	1,757
11. EFFECTIVE HOUSING REQUIREMENTS	2,792	17,705	2,631	23,128	2,824	17,926	2,664	23,414
12. HOUSING ASSETS (a + b)	2,222	15,465	1,803	19,490	2,247	15,570	1,820	19,637
a. UNDER MILITARY CONTROL	918	4,641	0	5,559	918	4,641	0	5,559
(1) Housed in Existing DOD Owned/Controlled	918	4,641	0	5,559	918	4,641	0	5,559
(2) Under Contract / Approved								0
(3) Vacant				0				
(4) Inactive				0				
b. PRIVATE HOUSING	1,304	10,824	1,803	13,931	1,329	10,929	1,820	14,078
(1) Acceptably Housed	1,304	10,824	1,803	13,931				
(2) Acceptable Vacant Rental				0				
13. EFFECTIVE HOUSING DEFICIT	570	2,240	828	3,638	577	2,356	844	3,777
14. PROPOSED PROJECT						154		154
15. REMARKS (Specify item number)								
Line 14: This project demolishes 154 uneconomical to repair units and replaces them with 154 new Junior NCO units. There is no net change to the inventory as a result of this project.								
<div style="margin-left: 40px;"> Junior NCO: 67 5 Bedroom Units 87 4 Bedroom Units </div>								

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ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
POST-ACQUISITION CONSTRUCTION

(\$ in Thousands)	
FY 1999 Program	\$49,650
FY 1998 Program	\$44,800

PURPOSE AND SCOPE

The Army operates and maintains an inventory of approximately 117,000 family housing units with an average age exceeding 30 years. Many of these units require major improvements, or revitalization, to meet contemporary living standards and to provide some of the modern amenities found in comparable community housing. The Post-acquisition Construction program provides funding for revitalizing military family housing units which are more economical to renovate rather than replace. The proposed investment in post acquisition construction will increase the useful life of the revitalized units by 25 years and concurrently reduce deferred maintenance and repairs.

The Army continues to emphasize the "whole neighborhood" revitalization concept. Our program considers the requirement of the total neighborhood--including the dwelling units, supporting utility systems, energy conservation, roads, playgrounds, and community facilities. The result eliminates much of the existing stereotypical construction, improves quarters to contemporary standards, and provides functional units in more attractive housing areas.

Two overseas, post acquisition construction projects are included in this request. Although the Army is primarily relying on host nation support or residual value contributions to improve housing located overseas, the requested projects are the most critical projects not identified for funding through residual value contributions.

PROGRAM SUMMARY

Authorization is requested for appropriation for whole neighborhood revitalization and improvements to 774 units. Projects exceeding the statutory funding limitation (10 USC 2825) of \$50,000 per dwelling unit (adjusted by the area construction

FEBRUARY 1997

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
POST-ACQUISITION CONSTRUCTION (continued)

cost factor) are documented by the DD Forms 1391 which follow this summary. These projects are listed in the following table:

<u>Location</u>	<u>Historic</u>	<u>Type</u>	<u>No. of Units</u>	<u>Amount (\$000)</u>
Fort McNair, DC	Yes	SNCO	12	1,150
Fort Leavenworth, KS	No	JNCO	200	11,800
Fort Monmouth, NJ	No	FGO	36	4,400
West Point, NY	No	SNCO/CGO	56	5,400
Wiesbaden, GE	No	JNCO	78	6,200
Vicenza, IT	No	J/SNCO	<u>64</u>	<u>5,900</u>
Total			446	34,850

Type: JNCO - Junior NCO
SNCO - Senior NCO
CGO - Company Grade Officer
FGO - Field Grade Officer

1. COMPONENT		FY 1999		MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY						FEBRUARY 1997	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
Various Locations - Continental and Overseas				Army Family Housing Post Acquisition Construction			
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
88742A		711		AFH		Auth 49,650 Approp 49,650	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
Post Acquisition Construction Improvements					LS		49,650
Projects qualifying for the Defense Energy Conservation Investment Program (ECIP)					LS		0
TOTAL							49,650
10. Description of Proposed Construction							
<p>These projects provide needed revitalization of family housing units that do not meet current standards for livability, maintainability and energy efficiency. Revitalization projects provide for renewal of the whole neighborhood which considers the dwelling unit and supporting infrastructure. Work within the house considers upgrading kitchens (to include dishwashers, garbage disposals and range hoods) and bathrooms, installation of new half-baths (where required), increasing net living area to space currently authorized, installation of central air conditioning and heating systems including, as required, relocation of ductwork, exterior storage, patios and covered parking. Replacement or installation of supporting infrastructure considers utility distribution systems, storm sewers, roads, road realignment, off street parking, landscaping and recreation facilities.</p>							

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 1997
3. INSTALLATION AND LOCATION Various Locations - Continental and Overseas		
4. PROJECT TITLE Army Family Housing Post Acquisition Construction	5. PROJECT NUMBER	
<p>11. REQUIREMENTS: The numerous acquisitions of the post war period have left a legacy of houses that are over thirty years old which require major revitalization. The improvement requirements of the inventory have increased faster than prior years programs have met. Consequently, there is an on going requirement to renew and upgrade quarters including upgrading/replacement of the supporting infrastructure and recreational facilities. Units must be revitalized/improved due to age and obsolescence as contemporary standards have evolved. Since units are fully occupied and in high demand, accomplishing the program requires that a systematic revitalization effort be maintained. Units have deteriorated support systems and size/functionality deficiencies that are not adequate for today's family.</p> <p>IMPACT IF NOT PROVIDED: The desired/required improvements to our service members' quality of life will not be realized. Family housing units and supporting systems will continue to be used as is with increasing obsolescence, recurring maintenance costs and unnecessarily high energy use. The President's goal of 30% energy reduction between 1985 and 2005 will not be met. Soldiers and their families will continue to live in quarters that are below acceptable standards, affecting their duty performance and adversely impacting on the Army's mission.</p>		

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
ARMY			FEBRUARY 1997
3. INSTALLATION AND LOCATION			
Various Locations - Continental and Overseas			
4. PROJECT TITLE		5. PROJECT NUMBER	
Army Family Housing Post Acquisition Construction			
DESCRIPTION OF WORK TO BE ACCOMPLISHED			
Country/State Installation and Project			
	Post Acquisition Construction	ECIP	CWE (\$000) Total
	-----	----	-----
District of Columbia			
Fort McNair			
(Project Number 37183)		1,150	
Whole neighborhood revitalization of historic senior noncommissioned officer family housing - 12 units. (Separate DD Form 1391 is attached).			
Installation Total			1,150
Kansas			
Fort Leavenworth			
(Project Number 36251)		11,800	
Whole neighborhood revitalization of junior enlisted family housing to current standards including energy conservation, supporting infrastructure and neighborhood amenities - 200 units. (Separate DD Form 1391 is attached).			
Installation Total			11,800
New Jersey			
Fort Monmouth			
(Project Number 2991)		4,400	
Whole neighborhood revitalization of field grade officer family housing to current standards including energy conservation, supporting infrastructure and neighborhood amenities - 36 units. (Separate DD Form 1391 is attached).			
Installation Total			4,400
New York			
U S Military Academy			
(Project Number 17959)		5,400	
Whole neighborhood revitalization of company grade officer and noncommissioned officer family housing to current standards including supporting infrastructure, neighborhood amenities and energy conservation improvements - 56 units. (Separate DD Form 1391 is attached).			
Installation Total			5,400

1. COMPONENT		2. DATE	
ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA	
		FEBRUARY 1997	
3. INSTALLATION AND LOCATION			
Various Locations - Continental and Overseas			
4. PROJECT TITLE		5. PROJECT NUMBER	
Army Family Housing Post Acquisition Construction			
DESCRIPTION OF WORK TO BE ACCOMPLISHED			
Country/State Installation and Project			
	Post		CWE (\$000)
	Acquisition		
	Construction	ECIP	Total
	-----	----	-----
Oklahoma			
Fort Sill			
(Project Number 21422)	14,800		
Whole neighborhood revitalization of junior noncommissioned officer family housing to current standards including energy conservation, supporting infrastructure and neighborhood amenities - 328 units.			
Installation Total			14,800
USA TOTALS	37,550		37,550

1. COMPONENT		2. DATE	
ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA	
		FEBRUARY 1997	
3. INSTALLATION AND LOCATION			
Various Locations - Continental and Overseas			
4. PROJECT TITLE		5. PROJECT NUMBER	
Army Family Housing Post Acquisition Construction			
DESCRIPTION OF WORK TO BE ACCOMPLISHED			
Country/State Installation and Project			
	Post Acquisition Construction	ECIP	CWE (\$000) Total
	-----	----	-----
Germany (Note: All projects are priced at \$1 = 1.56 MARKS)			
Germany Various			
(Project Number 45073)		6,200	
Whole neighborhood revitalization of junior noncommissioned officer family housing to current standards including energy conservation, supporting infrastructure and neighborhood amenities - 78 units. No improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years. (Separate DD Form 1391 is attached).			
Installation Total			6,200
Germany Total			6,200
Italy (Note: All projects are priced at \$1 = 1,534.20 LIRE)			
Italy Various			
(Project Number 42465)		5,900	
Whole neighborhood revitalization of junior and senior enlisted family housing to current standards including energy conservation, supporting infrastructure and neighborhood amenities - 64 units. No improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years. (Separate DD Form 1391 is attached).			
Installation Total			5,900
Italy Total			5,900
OVERSEAS TOTALS		12,100	12,100
Total USA and Overseas		49,650	49,650

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1. COMPONENT ARMY		FY 1999		MILITARY CONSTRUCTION PROJECT DATA		2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Fort McNair, District of Columbia				4. PROJECT TITLE Family Housing Improvements			
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711		7. PROJECT NUMBER 37183		8. PROJECT COST (\$000) Auth 1,150 Approp 1,150	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY							976
Revitalize Historic NCO Units				FA	12	68,000	(816)
Repl Fan Coils				LS	--	--	(160)
SUPPORTING FACILITIES							42
Site Imp(42) Demo()				LS	--	--	(42)
ESTIMATED CONTRACT COST							1,018
CONTINGENCY PERCENT (5.00%)							51
SUBTOTAL							1,069
SUPERVISION, INSPECTION & OVERHEAD (6.00%)							64
TOTAL REQUEST							1,133
TOTAL REQUEST (ROUNDED)							1,150
INSTALLED EQT-OTHER APPROPRIATIONS							(0)
10. Description of Proposed Construction Whole neighborhood revitalization of 12 historic senior noncommissioned officer three bedroom family quarters constructed in 1906 to current standards. Work includes foundation repair and waterproofing of basements. Upgrade electrical system to include relocation of exposed conduit in baseboards. Restore wood double-hung sash windows to include lead based paint removal. Replace cabinets and vinyl floor in kitchen, and fixtures in second floor bathroom. Install new half bath in master bedroom, and powder room on first floor. Replace the fan coil units, install a patio and provide minor landscaping. Work will be in accordance with historic preservation standards.							
PROJECT: Whole neighborhood revitalization of 12 historic senior noncommissioned officer family housing units. (Current Mission) REQUIREMENT: This project is required to improve existing conditions of these historic family quarters to conform to adequate standards of comfort, habitability, safety, and to extend the life expectancy of these quarters in consonance with the National Historic Preservation Act of 1966.							

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 1997
3. INSTALLATION AND LOCATION Fort McNair, District of Columbia		
4. PROJECT TITLE Family Housing Improvements	5. PROJECT NUMBER 37183	
<p><u>CURRENT SITUATION:</u> Quarters 23-28(A&B) are duplexe units containing 12 three-bedroom, one and three quarters bath units of 128.7 net square meters each. They were built in 1906 as part of a comprehensive plan for the Army War College designed by the prominent architecture firm of McKim Mead and White. These 90 year old buildings are structurally sound but have water penetration problems and numerous components in need of repair or replacement. All of the units have lead based paint and some have asbestos, posing a hazard to residents and workers. The electrical system does not meet current code requirements. This project includes all work to bring these quarters up to current standards and is part of a comprensive program to revitalize MDWs historic family quarters.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, service members will continue to reside in quarters with substandard facilities, obsolete systems and components, and environmental hazards. These conditions adversely affect the health, safety, and quality of life of the residents. Maintenance and energy costs will continue to rise, and the quarters will continue to deteriorate.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Construction Criteria," dated 2 October 1995. The life cycle cost analysis shows revitalization to be more cost effective than all other feasible alternatives.</p> <p style="text-align: right;">Installation Engineer: Ltc. James J. Lullen Phone Number: 202/475-1139</p>		

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Fort Leavenworth, Kansas				4. PROJECT TITLE Family Housing Improvements		
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 36251		8. PROJECT COST (\$000) Auth 11,800 Approp 11,800	
9. COST ESTIMATES						
ITEM				U/M	QUANTITY	UNIT COST
PRIMARY FACILITY						10,080
Revitalize 3-Bedroom Units				FA	200	50,400 (10,080)
SUPPORTING FACILITIES						600
Paving, Walks, Curbs And Gutters				LS	--	(240)
Site Imp(360) Demo()				LS	--	(360)
ESTIMATED CONTRACT COST						10,680
CONTINGENCY PERCENT (5.00%)						534
SUBTOTAL						11,214
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						673
TOTAL REQUEST						11,887
TOTAL REQUEST (ROUNDED)						11,800
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10. Description of Proposed Construction Whole neighborhood revitalization to current standards of 200 junior enlisted two-story, duplex family quarters. Residences were constructed in 1960, have 3 bedrooms, 1-1/2 baths, and contain 108.2 net square meters. Renovate and modernize kitchens and bathrooms and provide new appliances including fire suppression range hoods. Relocate exposed cable television and telephone wiring and provide new outlets in all bedrooms. Upgrade electrical systems. Replace heating and air conditioning systems and interior doors. Repair interior wall and ceiling surfaces. Replace exterior siding, exterior doors, building signage, porch roofs, handrails and columns. Remove lead based paint, repair concrete steps, construct attached one-car garages and widen driveways. Provide landscaping and a community playground.						
PROJECT: Whole neighborhood revitalization of 200 junior noncommissioned officer family dwellings. (Current Mission)						
REQUIREMENT: This project is required to improve the condition of 200 residences and neighborhood amenities to meet current standards for habitability, safety, energy conservation and to extend the life expectancy of these units.						

1. COMPONENT	FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
ARMY			FEBRUARY 1997
3. INSTALLATION AND LOCATION			
Fort Leavenworth, Kansas			
4. PROJECT TITLE		5. PROJECT NUMBER	
Family Housing Improvements		36251	
<p>CURRENT SITUATION: Although structurally sound, these residences require significant repairs and improvements to meet current standards. Kitchens lack sufficient cabinetry, pantries, countertop surface area and dishwashers. Range exhaust hoods are in poor condition and lack fire suppression systems. Floor coverings, countertops, sinks and appliances are worn out and work surfaces are poorly illuminated. Bathrooms lack adequate storage for toiletries and linens, are poorly illuminated and inadequately ventilated. Floor, wall, and ceiling materials are deteriorated. Bathroom fixtures are chipped, cracked, and rusted. Existing forced-air heating and air conditioning equipment is beyond its anticipated life-cycle and becoming increasingly maintenance intensive. Exposed cable television and telephone wiring is unsightly, and outlets are not conveniently located. Existing 100 amp electric service panels are at capacity and require an upgrade to 150 amps. Existing electrical circuits are not grounded. Interior doors are hollow-core wood or metal units of poor quality. Poorly patched gypsum board wall and ceiling surfaces are unsightly and require repair. Garages are not provided. Existing driveways do not provide sufficient off-street parking for privately owned vehicles. Flat porch roofs trap rain, ice, and snow and are maintenance intensive. Porch railings and columns are coated with lead-based paint, requiring expensive testing and in-place management programs. Additionally, the porch railings do not meet code requirements. Existing concrete steps are damaged in many locations. Existing vinyl siding is in poor condition and was installed without rigid insulation back-up. Exterior doors are in poor condition and are not insulated. Existing building signage is too small to be seen easily from the street and is poorly illuminated at night. This neighborhood lacks a centrally located community playground.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, maintenance, repair, and energy costs will continue to escalate. Occupants will continue to live in quarters that do not provide an acceptable quality of life, and the quarters will continue to deteriorate. This adversely affects the health, safety, and quality of life of the housing occupants and their families.</p> <p>ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the DOD 4270.1-M, "Construction Criteria," that was in effect 1 Jun 87, and the scope and design criteria of the Army's Architectural and Engineering Instructions (AEI), dated 2 Oct 95. The life cycle cost analysis indicates that renovation is more cost effective than all other feasible alternatives. Providing handicapped accessible units is not feasible because all 200 units are two stories. However, five percent of the installation's housing inventory is currently handicapped accessible.</p>			
<p>Installation Engineer: Ltc. Stephen C. Wood Phone Number: 913/684-5646</p>			

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Fort Monmouth, New Jersey				4. PROJECT TITLE Family Housing Improvements		
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 2991		8. PROJECT COST (\$000) Auth 4,400 Approp 4,400	
9. COST ESTIMATES						
ITEM				U/M	QUANTITY	UNIT COST
PRIMARY FACILITY						3,503
Revitalize Field Grade 3 BR				FA	12	93,900 (1,127)
Revitalize Field Grade 3 to 4 BR				FA	24	99,000 (2,376)
SUPPORTING FACILITIES						468
Electric Service				LS	--	(131)
Paving, Walks, Curbs And Gutters				LS	--	(119)
Site Imp(218) Demo()				LS	--	(218)
ESTIMATED CONTRACT COST						3,971
CONTINGENCY PERCENT (5.00%)						199
SUBTOTAL						4,170
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						250
TOTAL REQUEST						4,420
TOTAL REQUEST (ROUNDED)						4,400
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10. Description of Proposed Construction Whole neighborhood revitalization of 36 field grade officer 3-bedroom quarters built in 1930-32 to current construction standards including neighborhood amenities and supporting infrastructure. Work includes rear additions to increase the net square footage to current standards, interior reconfiguration from apartments to townhouses with new entrances and stairwell reconfiguration. Floor plans will be improved, kitchens and bathrooms will be upgraded, baths added to the first and second floors, and the third floor bedroom and bath will be upgraded in 24 units to create four bedroom units. Lead based paint and asbestos abatement is required. Refinish hardwood floors. Upgrade electrical systems, add communication outlets, replace plumbing, upgrade heating systems and add insulation and air conditioning. Support facilities include the upgrade of the electrical distribution system with underground installation. Add patios and repair garages.						
PROJECT: Whole neighborhood revitalization of 36 field grade officer family housing quarters. (Current Mission)						

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 1997
3. INSTALLATION AND LOCATION Fort Monmouth, New Jersey		
4. PROJECT TITLE Family Housing Improvements		5. PROJECT NUMBER 2991
<p><u>REQUIREMENT:</u> This project is required to improve existing conditions of the apartments to conform to adequate standards of size, habitability, safety, energy conservation, and to extend the life of these quarters. Townhouse reconfiguration is required for these units to improve functionality and sound attenuation between dwelling units.</p> <p><u>CURRENT SITUATION:</u> This 9 building, 36 unit housing complex was constructed in the early 1930's. The units are configured with one dwelling unit over the other. Each three bedroom apartment is 111.0 net square meters. The units are in good structural condition. Occupants of the second floor unit must access their unit by a steep, winding, narrow staircase which is dangerous when carrying articles and small children. The configuration of the kitchen is inefficient, cramped and awkward. The units are not air conditioned and are poorly insulated. The existing heating, electric, and plumbing systems are original construction, and have reached the end of their physical lives. Also, these systems are improperly sized for current and planned electrical loads, posing safety and code violations. The original plaster surfaces are aged, and coated by layers of lead based paint.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, officers and their families will continue to reside in cramped and inefficient apartments. The current buildings will continue to deteriorate with increasing maintenance costs. This adversely affects the health, safety and quality of life of the occupants.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 2 October 1995. The life cycle cost analysis shows revitalization to be more cost effective than all other feasible alternatives.</p>		
<p>Installation Engineer: Jim W. Ott Phone Number: 908/532-3854</p>		

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION United States Military Academy, New York				4. PROJECT TITLE Family Housing Improvements		
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711		7. PROJECT NUMBER 17959		8. PROJECT COST (\$000) Auth 5,400 Approp 5,400
9. COST ESTIMATES						
ITEM				U/M	QUANTITY	UNIT COST
PRIMARY FACILITY						4,425
General Construction				FA	56	79,022 (4,425)
SUPPORTING FACILITIES						438
Electric Service				LS	--	(20)
Paving, Walks, Curbs And Gutters				LS	--	(105)
Site Imp(313) Demo()				LS	--	(313)
ESTIMATED CONTRACT COST						4,863
CONTINGENCY PERCENT (5.00%)						243
SUBTOTAL						5,106
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						306
TOTAL REQUEST						5,412
TOTAL REQUEST (ROUNDED)						5,400
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10. Description of Proposed Construction Whole neighborhood revitalization of 48 company grade officer and 8 noncommissioned officer three bedroom family housing units constructed in 1949. Scope of work includes asbestos and lead based paint abatement, passive radon systems, weatherization, addition of a half bath and utility room, renovation of the kitchen, replacement of the heating system, installation of air conditioning, upgrade of the interior electrical systems and fixtures, repair plumbing system, reconfigure central mechanical room, insulate attic, replace windows and exterior doors, interior and exterior painting and installation of canopies over entrance doors. Supporting facility work includes replacement of street lighting, trash can enclosures and patios, reconfigure entrance to the central mechanical room, privacy fencing and landscaping. At least 5 percent of the units will be revitalized such that they will be accessible and easily modifiable to accomodate requirements of the handicapped.						
PROJECT: Whole neighborhood revitalization of 56 company grade and senior noncommissioned officer family housing quarters. (Current Mission)						

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 1997
3. INSTALLATION AND LOCATION United States Military Academy, New York		
4. PROJECT TITLE Family Housing Improvements	5. PROJECT NUMBER 17959	
<p><u>REQUIREMENT:</u> This project is required to improve existing conditions of the units to conform to adequate standards of comfort, habitability, safety, energy conservation, and to extend the life expectancy of the units.</p> <p><u>CURRENT SITUATION:</u> These Brick Row units have had no significant major repairs since their original construction in 1949. Minor repairs had been made to the existing kitchens and bathrooms in 1987 and 1989. The electrical systems are overloaded and do not meet current standards. Kitchen areas are small and lack adequate storage and convenience electrical outlets. The project will provide a laundry area and half bath. Units are not centrally air conditioned which requires occupants to install personal window units. Windows need replacement with energy efficient type windows. All visible asbestos has been removed. If concealed asbestos is found during construction it will be removed as part of the contract. A lead based paint survey has been performed and lead contaminated material will be abated. Exterior area lighting is ineffective or nonexistent. Rear slopes behind some of the units are steep and provide limited rear yard space. Stabilizing soil and providing patios or decks and privacy fences will enhance all units. These quarters are three bedroom, one bath, full basement, row houses, two stories high, eight dwelling units per building, seven buildings in the complex. Each unit contains 114.3 net square meters. Location of the mechanical room denies two units in each building functional use of the basement area.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the quarters will continue to deteriorate, causing maintenance and energy costs to accelerate. Service members will continue to reside in inadequate quarters which adversely affects the health, safety and quality of life of the occupants.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 2 October 1995. The life cycle cost analysis indicates that revitalization is more cost effective than all other feasible alternatives.</p> <p style="text-align: right;">Installation Engineer: Colonel Michael F. Colacicco Phone Number: 914/938-3415</p>		

1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Germany Various, Germany			4. PROJECT TITLE Family Housing Improvements		
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 45073	8. PROJECT COST (\$000) Auth 6,200 Approp 6,200	
9. COST ESTIMATES					
ITEM			U/M	QUANTITY	UNIT COST
PRIMARY FACILITY					5,344
Revitalize 2-Bedroom units			FA	39	59,500 (2,321)
Revitalize 3-Bedroom Units			FA	39	77,500 (3,023)
SUPPORTING FACILITIES					217
Electric Service			LS	--	-- (71)
Paving, Walks, Curbs And Gutters			LS	--	-- (139)
Site Imp(7) Demo()			LS	--	-- (7)
ESTIMATED CONTRACT COST					5,561
CONTINGENCY PERCENT (5.00%)					278
SUBTOTAL					5,839
SUPERVISION, INSPECTION & OVERHEAD (6.50%)					380
TOTAL REQUEST					6,219
TOTAL REQUEST (ROUNDED)					6,200
INSTALLED EQT-OTHER APPROPRIATIONS					(0)
10. Description of Proposed Construction Whole neighborhood revitalization of 78 junior enlisted (39 two and 39 three bedroom) multi-story stairwell apartment family housing units constructed in 1952, to current standards including neighborhood amenities, supporting infrastructure and energy efficiency. Work includes interior modifications to improve and upgrade kitchens and bathrooms; replace floor covering, interior plaster, heating system, hot and cold water lines and sewer system; upgrade electrical system including fixtures to current standards; install new doors and hard wired interconnected smoke detectors; modernize entryways and stairwells, replace mailboxes, bulletin boards and finishes. Upgrade and add parking, walkways, exterior lighting, garbage collection/recycling points, play areas and landscaping.					
PROJECT: Whole neighborhood revitalization of 78 junior enlisted family quarters to include neighborhood amenities, supporting facilities and energy conservation improvements to current standards. (Current Mission)					
REQUIREMENT: This project is required to improve existing conditions of these enlisted family housing quarters to conform to adequate standards of comfort, habitability, safety, energy conservation, and to extend the life expectancy of the quarters.					

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE FEBRUARY 1997
3. INSTALLATION AND LOCATION Germany Various, Germany			
4. PROJECT TITLE Family Housing Improvements		5. PROJECT NUMBER 45073	
<p><u>CURRENT SITUATION:</u> These multi-story apartment buildings consist of 39 two bedroom units at 96.4 net square meters and 39 three bedroom units at 122.8 net square meters. These 44 year old units have had no major improvements since original construction, but are structurally sound. Lead based paint exists on baseboards and trim. Entrances are antiquated and stairwells in need of repair to make them safe and welcoming. Original bathrooms and kitchens are worn and in need of complete modernization. Second bathrooms do not exist. Laundry machines will be relocated into apartments, greatly increasing quality of life for families who must currently share machines in dismal concrete basements. Kitchens are laid out inefficiently and do not have dishwashers or exhaust hoods venting outside. Cabinets, sinks and surfaces have deteriorated and existing bathroom fixtures have exceeded their useful life. Old style radiators are an inefficient and unsightly heat source. Hot and cold water is restricted in calcified pipes, and rust and corrosion are evident in tap water. Sewer systems are failing. Units do not have adequate walkways, parking and neighborhood landscaping. This project includes all work required to bring these units up to current standards.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the quarters will continue to deteriorate, causing increased maintenance and energy costs and the health, safety and quality of life for these families will be diminished. No improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. CINC USAREUR's Conventional Forces Europe (CFE) planners have certified the end-state requirement for this installation. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 2 October 1995. The life cycle cost analysis shows revitalization to be more cost effective than all other feasible alternatives.</p> <p><u>NATO INFRASTRUCTURE:</u> This project is not within an established NATO Infrastructure Category for Common Funding, nor is it expected to become eligible.</p>			
<p>Installation Engineer: Mr. W. Delozier Phone Number: DSN 337-1560</p>			

1. COMPONENT ARMY		FY 1999		MILITARY CONSTRUCTION PROJECT DATA		2. DATE FEBRUARY 1997	
3. INSTALLATION AND LOCATION Italy Various, Italy				4. PROJECT TITLE Family Housing Improvements			
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711		7. PROJECT NUMBER 42465		8. PROJECT COST (\$000) Auth 5,900 Approp 5,900	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY							4,776
Revitalize 3-Bedroom Units				FA	40	76,500	(3,060)
Revitalize 2-Bedroom Units				FA	24	71,500	(1,716)
SUPPORTING FACILITIES							468
Electric Service				LS	--	--	(35)
Paving, Walks, Curbs And Gutters				LS	--	--	(300)
Storm Drainage				LS	--	--	(94)
Site Imp(39) Demo()				LS	--	--	(39)
ESTIMATED CONTRACT COST							5,244
CONTINGENCY PERCENT (5.00%)							262
SUBTOTAL							5,506
SUPERVISION, INSPECTION & OVERHEAD (6.50%)							358
TOTAL REQUEST							5,864
TOTAL REQUEST (ROUNDED)							5,900
INSTALLED EQT-OTHER APPROPRIATIONS							(0)
10. Description of Proposed Construction Whole neighborhood revitalization of 64 junior and senior enlisted four-plex (24 two and 40 three bedroom) family housing units constructed in 1958, to current standards. Work includes new kitchens with improved floor layout, additional counter space, dishwashers and fire protection exhaust hood (200 CFM), interconnected hardwired smoke detectors, repair and modernize plumbing and electrical systems. Construct entry vestibule addition, closet storage and second bathrooms. Install exterior building insulation, new insulated roofing system, and replace flashing, gutters and downspouts. Install air conditioning and forced air heating systems provided by individual gas fired furnaces. Upgrade and extend exterior walkways, parking, lighting, storm drainage and landscaping.							
PROJECT: Whole neighborhood revitalization of 64 junior and senior enlisted family quarters including neighborhood amenities, supporting facilities and energy conservation improvements to current standards. (Current Mission)							
REQUIREMENT: This project is required to improve existing conditions of these family housing quarters to conform to adequate standards of comfort, habitability, safety, energy conservation, and to extend the life expectancy of the quarters.							

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 1997
3. INSTALLATION AND LOCATION Italy Various, Italy		
4. PROJECT TITLE Family Housing Improvements		5. PROJECT NUMBER 42465
<p><u>CURRENT SITUATION:</u> These family housing units consist of 24 two bedroom units at 83.6 net square meters and 40 three bedroom units at 92.4 net square meters. These 38 year old units have had no major improvements since original construction, but are structurally sound. Major components have exceeded their economic and functional life. Existing kitchens are small and inefficiently laid out with insufficient storage, floor and counter space. Exposed piping and mechanical systems are unsightly. Interior finishes and fixtures are worn and deteriorated. Original electrical system is undersized and does not meet current requirements or safety standards. Units do not have adequate closet space resulting in personal belongings stored in hallways and bedrooms. Roof leaks and excessive moisture are a direct result of deteriorating roof membranes and cause extensive mold growth and increased health risks.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, these quarters will continue to deteriorate, accelerating maintenance costs and requiring continual piecemeal repairs. This adversely affects the health, safety and quality of life of these enlisted personnel and their families, and reduced energy consumption will not be realized. No improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan and no physical security and/or combatting terrorism (CBT/T) measures are required. CINC USAREUR's Conventional Forces Europe (CFE) planners have certified the end-state requirement for this installation. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Institutions (AEI), "Design Criteria," dated 2 October 1995. The life cycle const analysis shows revitalization to be more cost effective than all other feasible alternatives.</p> <p><u>NATO INFRASTRUCTURE:</u> This project is not within an established NATO Infrastructure Category for Common Funding, nor is it expected to become eligible.</p>		
<p>Installation Engineer: Ltc. M. Norton Phone Number: DSN 634-7313</p>		

FEBRUARY 1997

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
PLANNING AND DESIGN

(\$ in Thousands)	
FY 1999 Program	\$7,250
FY 1998 Program	\$9,550

PURPOSE AND SCOPE

This program provides funding for preparing working drawings, specifications, cost estimates, project planning reports, final design drawings and reviews of construction proposals. Also included are architectural and engineering services supporting new or post acquisition construction projects, and costs incurred in developing requests for project proposals. These funds also are used to plan and design future family housing construction projects and family housing energy conservation projects.

PROGRAM SUMMARY

Authorization and appropriation are requested for \$7,250,000 in FY 1999 to fund family housing construction planning and design activities. The funds will provide for final design work on FY 1999 and FY 2000 projects, and for initial concept designs for FY 2001 projects to ensure that construction contracts can be awarded in the respective fiscal years.

The FY 1999 planning and design program supports the Army's continuing emphasis on the whole neighborhood revitalization program. Revitalization projects require a greater degree of planning and design than do new construction projects. This additional design effort is necessary to ensure modernization requirements, including supporting utility systems and infrastructure, are efficiently and effectively integrated into existing structures.

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ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
OPERATION, UTILITIES, AND MAINTENANCE

(\$ in Thousands)	
FY 1999 Program	876,547
FY 1998 Program	914,881

PURPOSE AND SCOPE

Operation Accounts. The operating accounts portion of the program provides for expenses in the following subaccounts and includes both direct and indirect support, as applicable:

1. Management - Provides resources for family housing management, installation administrative support and for services provided by Community Homefinding, Relocation, and Referral Services. Includes housing requirements surveys, condition assessments of existing housing, and development of family housing construction and repair projects. Also includes the installation and operation of the Housing Operation Management Systems (HOMES) to support effective housing management.

2. Services - Provides basic installation service support functions such as refuse collection and disposal, pest control, snow removal and street cleaning. Includes the cost of family housing's proportionate share of police and fire protection.

3. Furnishings - Provides for procurement, management, control, moving and handling of furnishings; plus maintenance, repair, and replacement of the existing furnishings inventory.

4. Miscellaneous - Provides payments to operate non-Department of Defense or foreign housing units, usually on permit, occupied by Army personnel.

Utilities Account. The utilities account includes the costs of heat, air conditioning, electricity, water, and sewage for family housing units. It also includes the costs to operate boiler plants and sewage systems used solely by family housing.

Maintenance Account. The maintenance account provides funding for the following activities required to maintain family housing real property assets:

1. Dwellings - Includes service calls, routine maintenance, annual repairs, interior and exterior painting, between occupancy maintenance, repairing/restoring damage caused by fires or storms, and major repair work including projects deferred in prior years.

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
OPERATION, UTILITIES, AND MAINTENANCE (continued)

2. Exterior Utilities - Includes costs for maintenance and repair of sewer and water lines, primary and secondary electric lines, and other exterior utilities exclusively for use by family housing.

3. Other Real Property - Includes work on grounds, surfaced areas, and other real property serving family housing.

4. Incidental Improvements - Includes low-cost minor (incidental) improvements for less than \$3,000 per dwelling unit normally performed concurrently with maintenance and repair projects. Also includes modifications to quarters to meet the needs of exceptional family members.

Reimbursement Authority. This account provides authority to incur additional costs for services and repair of damages to be reimbursed by collection of payments from Federal and non-Federal sources.

PROGRAM SUMMARY

Authorization and appropriation are requested for \$876,547,000 for FY 1999. This amount, together with estimated reimbursements of \$17,000,000 will fund the Operation and Maintenance program of \$893,547,000. A summary follows:

(\$ in thousands)

<u>Operation</u>	<u>Utilities</u>	<u>Maintenance</u>	<u>Total Direct</u>	<u>Reimburse- ments</u>	<u>Total Program</u>
183,267	269,582	423,698	876,547	17,000	893,547

The FY 1999 operation, utilities, and maintenance programs include the following major initiatives:

1. Continuing the operation, maintenance, and improvement of the Housing Operation Management System (HOMES), an Army-wide computer system designed to support all phases of housing management. On-going initiatives include making HOMES more user friendly, improving management output reports, and establishing methods for system improvements and changes.

2. Continuing efforts to identify adequate housing in communities which is affordable for the soldier. Where shortages exist, housing surveys are reviewed and project proposals are

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
OPERATION, UTILITIES, AND MAINTENANCE (continued)

developed to request new construction, or leasing of additional housing for military families.

3. Achieving the annual Army Energy Conservation goal of 1.5 percent. Utility consumption per unit is being reduced as a result of energy conserving repair and revitalization projects.

4. Continuing the program to revitalize the family housing inventory by emphasizing the accomplishment of all annual, recurring maintenance and repair. Concurrently, work planned to upgrade units to current construction standards incorporates deferred maintenance and repairs. The result extends the useful life of the quarters, reduces future maintenance and utility costs, and increases occupancy in the outyears.

5. Since FY 1992, reductions in Army Family Housing inventory have kept pace with reductions in active component military strength. In FY 1992, the Army's military strength included approximately 711,000 active component members; the family housing inventory included nearly 187,000 units. By the end of FY 1999, military strength will be approximately 495,000 and the housing inventory will be approximately 132,400 units. While active component strength decreased 30% over this period, the Army reduced its family housing inventory by 29%. Notwithstanding inventory reductions already accomplished, the Army will continue to aggressively pursue removing units which are either excess to requirements or uneconomical to repair.

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FAMILY HOUSING, ARMY
OPERATION AND MAINTENANCE, SUMMARY (WORLDWIDE)
Excludes Leased Units and Costs
FY 1999

A. INVENTORY DATA	FY 97		FY 98		FY 99	
	CURRENT ESTIMATE	BUDGET REQUEST	BUDGET REQUEST	BUDGET REQUEST	BUDGET REQUEST	BUDGET REQUEST
INVENTORY BEGINNING OF YEAR	122,453	118,876	118,876	117,407	117,407	117,407
INVENTORY END OF YEAR	120,798	117,407	117,407	116,931	116,931	116,931
AVERAGE INVENTORY	121,626	118,142	118,142	117,169	117,169	117,169
UNITS REQUIRING O&M FUNDING:						
a. Coterminous U.S.	81,647	78,359	78,359	77,439	77,439	77,439
b. U.S. Overseas	12,691	12,670	12,670	12,670	12,670	12,670
c. Foreign	27,288	27,113	27,113	27,060	27,060	27,060
d. Worldwide	121,626	118,142	118,142	117,169	117,169	117,169
	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
B. FUNDING REQUIREMENT						
1. OPERATION						
a. Management	696	84,678	678	80,089	693	81,183
b. Services	441	53,684	448	52,936	456	53,400
c. Furnishings	403	49,057	401	47,404	413	48,349
d. Miscellaneous	10	1,241	3	327	3	335
SUBTOTAL - OPERATION	1,551	188,660	1,530	180,756	1,564	183,267
2. UTILITIES	2,223	270,391	2,249	265,732	2,301	269,582
3. MAINTENANCE						
a. Annual Recurring M&R	1,993	242,409	2,095	247,499	2,157	252,697
b. Major M&R Projects	1,371	166,754	861	101,712	421	49,316
c. Exterior Utilities	349	42,413	367	43,304	377	44,214
d. M&R, Other Real Prop.	476	57,950	501	59,166	516	60,409
e. Alts. & Additions	135	16,368	141	16,711	146	17,062
SUBTOTAL MAINTENANCE	4,324	525,893	3,965	468,393	3,616	423,698
4. FOREIGN CURRENCY LOSSES/SAVINGS		0		0		0
5. APPROPRIATION	8,098	984,944	7,744	914,881	7,481	876,547
6. REIMBURSABLE PROGRAM	173	21,000	144	17,000	145	17,000
7. TOTAL O&M PROGRAM	8,271	1,005,944	7,888	931,881	7,626	893,547

FAMILY HOUSING, ARMY
OPERATION AND MAINTENANCE, SUMMARY (CONUS)
Excludes Leased Units and Costs
FY 1999

A. INVENTORY DATA	FY 97		FY 98		FY 99	
	CURRENT ESTIMATE	BUDGET REQUEST	BUDGET REQUEST	BUDGET REQUEST	BUDGET REQUEST	BUDGET REQUEST
INVENTORY BEGINNING OF YEAR	82,330		79,041		77,677	
INVENTORY END OF YEAR	80,963		77,677		77,201	
AVERAGE INVENTORY	81,647		78,359		77,439	
B. FUNDING REQUIREMENT						
	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management*	564	46,089	570	44,661	566	44,954
b. Services	357	29,173	361	28,250	367	28,416
c. Furnishings	120	9,825	124	9,732	127	9,840
d. Miscellaneous	0	0	0	0	0	0
SUBTOTAL - OPERATION	1,042	85,088	1,055	82,644	1,048	83,210
2. UTILITIES	1,431	116,870	1,483	116,223	1,516	117,410
3. MAINTENANCE						
a. Annual Recurring M&R	1,830	149,388	1,946	152,525	2,011	155,728
b. Major M&R Projects	1,194	97,448	727	57,005	315	24,399
c. Exterior Utilities	367	29,949	390	30,578	403	31,220
d. M&R, Other Real Prop.	463	37,806	493	38,599	509	39,410
e. Alts. & Additions	140	11,404	142	11,644	154	11,888
SUBTOTAL MAINTENANCE	3,993	325,994	3,705	290,351	3,392	262,645
4. FOREIGN CURRENCY LOSSES/SAVINGS						
5. APPROPRIATION	6,466	527,952	6,243	489,218	5,982	463,264
6. REIMBURSABLE PROGRAM	193	15,744	142	11,694	150	11,644
7. TOTAL O&M PROGRAM	6,659	543,696	6,393	500,912	6,133	474,908

* Average cost/unit includes continuing support for units included in DoD Family Housing Improvement Fund Projects in FORSCOM.

FAMILY HOUSING, ARMY
OPERATION AND MAINTENANCE, SUMMARY (U.S. OVERSEAS)
Excludes Leased Units and Costs
FY 1999

A. INVENTORY DATA	FY 97		FY 98		FY 99	
	CURRENT ESTIMATE	BUDGET REQUEST	BUDGET REQUEST	BUDGET REQUEST	BUDGET REQUEST	BUDGET REQUEST
INVENTORY BEGINNING OF YEAR	12,712	12,670	12,670	12,670	12,670	12,670
INVENTORY END OF YEAR	12,670	12,670	12,670	12,670	12,670	12,670
AVERAGE INVENTORY	12,691	12,670	12,670	12,670	12,670	12,670
	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
B. FUNDING REQUIREMENT						
1. OPERATION						
a. Management	690	8,763	705	8,938	722	9,143
b. Services	389	4,931	386	4,887	391	4,957
c. Furnishings	480	6,090	490	6,209	501	6,352
d. Miscellaneous	25	320	26	327	26	335
SUBTOTAL - OPERATION	1,584	20,103	1,607	20,361	1,641	20,786
2. UTILITIES	2,592	32,892	2,638	33,423	2,687	34,047
3. MAINTENANCE						
a. Annual Recurring M&R	2,931	37,201	3,019	37,983	3,086	38,780
b. Major M&R Projects	3,095	39,278	2,234	28,308	1,541	19,520
c. Exterior Utilities	218	2,762	224	2,820	229	2,879
d. M&R, Other Real Prop.	573	7,266	590	7,419	603	7,575
e. Alts. & Additions	314	3,982	323	4,066	330	4,151
SUBTOTAL MAINTENANCE	7,130	90,489	6,361	80,595	5,754	72,905
4. FOREIGN CURRENCY LOSSES/SAVINGS						
5. APPROPRIATION	11,306	143,485	10,606	134,378	10,082	127,738
6. REIMBURSABLE PROGRAM	52	750	63	800	67	850
7. TOTAL O&M PROGRAM	11,365	144,235	10,669	135,178	10,149	128,588

FAMILY HOUSING, ARMY
OPERATION AND MAINTENANCE, SUMMARY (FOREIGN)
Excludes Leased Units and Costs
FY 1999

A. INVENTORY DATA	FY 97		FY98		FY 99	
	CURRENT ESTIMATE	BUDGET REQUEST	BUDGET REQUEST	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
INVENTORY BEGINNING OF YEAR	27,411	27,165	27,165	27,060	27,060	27,060
INVENTORY END OF YEAR	27,165	27,060	27,060	27,060	27,060	27,060
AVERAGE INVENTORY	27,288	27,113	27,113	27,060	27,060	27,060
B. FUNDING REQUIREMENT	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION	1,093	29,826	977	26,490	1,001	27,086
a. Management	718	19,579	730	19,799	740	20,027
b. Services	1,215	33,142	1,160	31,462	1,188	32,158
c. Furnishings	34	921	0	0	0	0
d. Miscellaneous	3,059	83,469	2,868	77,752	2,929	79,271
SUBTOTAL - OPERATION	4,421	120,629	4,282	116,086	4,365	118,125
2. UTILITIES						
3. MAINTENANCE						
a. Annual Recurring M&R	2,046	55,819	2,107	56,992	2,153	58,189
b. Major M&R Projects	1,100	30,028	605	16,398	199	5,398
c. Exterior Utilities	356	9,703	366	9,907	374	10,115
d. M&R, Other Real Prop.	472	12,878	486	13,148	497	13,424
e. Alts. & Additions	36	981	37	1,002	38	1,023
SUBTOTAL MAINTENANCE	4,009	109,410	3,594	97,447	3,258	88,148
4. FOREIGN CURRENCY LOSSES/SAVINGS						
5. APPROPRIATION	11,489	313,507	10,744	291,285	10,552	285,545
6. REIMBURSABLE PROGRAM	165	4,506	166	4,506	167	4,506
7. TOTAL O&M PROGRAM	11,654	318,013	10,910	295,791	10,719	290,051

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
HISTORIC HOUSING COSTS

	DU's	(\$000) FY 98
A. Non GFOQ Dwelling Units (DU's)		
- Line-item Improvements:	12	1,200
- Maintenance and Repair:	1,838	22,416
B. GFOQ Dwelling Units (DU's)		
- Line-item Improvements:	0	0
- Maintenance and Repair:	160	4,696
C. Grand Total	2,010	28,312

This exhibit provides information regarding maintenance and repair costs to housing units designated as historically significant under provisions of the National Historical Preservation Act, P.L. 89-665 as amended. The costs for all units include recurring maintenance and repair, major repairs, incidental improvements, and major improvements/renovations.

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ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
OPERATION ACCOUNT

	(\$ in Thousands)
FY 1999 Program	183,267
FY 1998 Program	180,756

The operation account represents the day-to-day cost of providing family housing services. The FY 1999 program was developed using prescribed inflation, civilian pay raise, and foreign currency formulation rates. To the extent known, adjustments have been made for base closures and planned divestitures. Each operation subaccount is described on the following pages:

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ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
OPERATION ACCOUNT
MANAGEMENT SUBACCOUNT

	(\$ in Thousands)
FY 1999 Program	81,183
FY 1998 Program	80,089

The FY 1999 request for the management subaccount is based on level of effort in prior years required for housing staffs, referral services, housing surveys, environmental studies, and project planning.

Pricing adjustments are based on OSD prescribed pay and non-pay inflation factors and foreign currency rates. Program decreases are due to cost reductions in the areas of management and professional support services, travel and training. Additional program decreases are a result of base closures and by replacement of fewer units than those demolished in the construction program. Inventory reductions will occur, for example, at Fort Knox (60), Umatilla Army Depot (17), and Fitzsimmons Army Medical Center (71). The Army also plans to demolish an additional 300 dwelling units deemed uneconomical to repair. Inventory reduction adjustments reflect the sum of computed changes at MACOM level cost per unit rather than changes at an Army-wide cost per unit.

FEBRUARY 1997

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
OPERATION ACCOUNT
MANAGEMENT SUBACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

\$ In Thousands

1.	FY 1997 Appropriated Amount		84,678
2.	Program Decrease - Below threshold reprogramming		-2,418
3.	FY 1997 Current Estimate		82,260
4.	Price Adjustments - Includes pay and non-pay inflation and changes in the foreign currency exchange rates		575
5.	Program Decreases:		-2,746
	a. Inventory reduction (avg 1,562)	-725	
	b. Management cost reductions	-2,021	
6.	FY 1998 Budget Request		80,089
7.	Price Adjustment		1,658
8.	Program Decreases - Inventory reduction (avg 973)		-564
9.	FY 1999 Budget Request		81,183

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
OPERATION ACCOUNT
SERVICES SUBACCOUNT

	(\$ in Thousands)
FY 1999 Program	53,400
FY 1998 Program	52,936

The FY 1999 request is based on the required level of support for refuse collection, street cleaning, police and fire protection, pest control, and custodial services. The requirements and adjustments are outlined below.

Pricing adjustments are based on OSD prescribed non-pay inflation factors and foreign currency rates. Program decreases are a result of base closures and by replacement of fewer units than those demolished in the construction program. Inventory reductions will occur, for example, at Fort Knox (60), Umatilla Army Depot (17), and Fitzsimmons Army Medical Center (71). The Army also plans to demolish an additional 300 dwelling units deemed uneconomical to repair. Inventory reduction adjustments reflect the sum of computed changes at MACOM level cost per unit rather than changes at an Army-wide cost per unit.

FEBRUARY 1997

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
OPERATION ACCOUNT
SERVICES SUBACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

\$ In Thousands

1. FY 1997 Appropriated Amount	53,684
2. Program Increase - Below threshold reprogramming, Support Presidio of San Francisco	1,596
3. FY 1997 Current Estimate	55,280
4. Price Adjustments - Includes non-pay inflation and changes in the foreign currency exchange rates	-1,133
5. Program Decrease - Inventory reduction (avg 3,484)	-1,211
6. FY 1998 Budget Request	52,936
7. Price Adjustment - Non-pay inflation	847
8. Program Decrease - Inventory reduction (avg 973)	-383
9. FY 1999 Budget Request	53,400

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
OPERATION ACCOUNT
FURNISHINGS SUBACCOUNT

	(\$ in Thousands)
FY 1999 Program	48,349
FY 1998 Program	47,404

The furnishings subaccount is primarily used for controlling, managing, moving and handling, maintaining, and repairing household equipment (i.e., refrigerators, ranges, and where authorized at OCONUS locations, washers and dryers) for family quarters throughout the Army. In addition, furniture items such as beds, tables, dressers, etc., are authorized for OCONUS locations.

Pricing adjustments are based on OSD prescribed pay and non-pay inflation factors and foreign currency rates. Program decreases are a result of base closures and by replacement of fewer units than those demolished in the construction program. Inventory reductions will occur, for example, at Fort Knox (60), Umatilla Army Depot (17), and Fitzsimmons Army Medical Center (71). The Army also plans to demolish an additional 300 dwelling units deemed uneconomical to repair. Inventory reduction adjustments reflect the sum of computed changes at MACOM level cost per unit rather than changes at an Army-wide cost per unit.

FEBRUARY 1997

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
OPERATION ACCOUNT
FURNISHINGS SUBACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. FY 1997 Appropriated Amount	49,057
2. Program Decrease - Below threshold reprogramming	-457
3. FY 1997 Current Estimate	48,600
4. Price Adjustments - Includes pay and non-pay inflation and changes in the foreign currency exchange rates	-785
5. Program Decreases - Inventory reduction (avg 3,484)	-411
6. FY 1998 Budget Request	47,404
7. Price Adjustments - Includes pay and non-pay inflation	1,090
8. Program Decrease - Inventory reduction (avg 973)	-145
9. FY 1999 Budget Request	48,349

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
OPERATION ACCOUNT
MISCELLANEOUS SUBACCOUNT

	(\$ in Thousands)
FY 1999 Program	335
FY 1998 Program	327

The FY 1999 request includes funds for payments (usually on permit) to other non-Department of Defense agencies, foreign governments, state and municipal agencies for housing units and/or trailer spaces provided by for U.S. soldiers. The FY 1999 program funds housing provided by the U.S. Coast Guard for Army families in Puerto Rico.

Pricing adjustments are based on OSD prescribed non-pay inflation factors. The requirement to pay fire insurance to the Federal Republic of Germany has been eliminated in the revised NATO Status of Forces Agreement. The program has been decreased accordingly.

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

	\$ In Thousands
1. FY 1997 Appropriated Amount	1,241
2. Program Decreases - Below threshold reprograming, NATO SOFA fire insurance requirement eliminated (USAREUR)	-921
3. FY 1997 Current Estimate	320
4. Price Adjustment - Non-pay inflation	7
5. FY 1998 Budget Request	327
6. Price Adjustment - Non-pay inflation	8
7. FY 1999 Budget Request	335

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ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
UTILITIES ACCOUNT

	(\$ in Thousands)
FY 1999 Program	269,582
FY 1998 Program	265,732

This program provides for all utility services for Army Family Housing. Services include electricity, natural and propane gas, steam/hot water, fuel oil, coal, water and sewage. These are must-pay costs and are essential to keep family quarters occupied.

The energy consumption reduction goal of 1.5 percent has been considered in the program. It is anticipated that the established energy reduction goals between FY 85 and FY 99 will be met (30% reduction FY 85-05). Savings realized as a result of energy conserving repair and improvement projects completed in prior years will continue to help achieve the energy reduction goals.

Fuel price adjustments and non-fuel inflation are computed at the OSD prescribed rates. Inventory adjustments are based on BRAC, and continuing efforts to divest housing which is excess to requirements or is not economically feasible to repair.

FEBRUARY 1997

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
UTILITIES (Continued)

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. FY 1997 Appropriation Amount	270,391
2. FY 1997 Current Budget Estimate	270,391
3. Price Growth and Adjustments for Fuel Inflation, DWCF and Foreign Currency	2,255
4. Program Decreases:	
a. Inventory Reduction (1,562 units)	-2,858
b. Energy Conservation	-4,056
5. FY 1998 Budget Request	265,732
6. Price Growth and Adjustments for Fuel Inflation, DWCF and Foreign Currency	9,388
7. Program Decreases:	
a. Inventory Reduction (973 units)	-1,451
b. Energy Conservation	-4,087
8. FY 1999 Budget Request	269,582

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
MAINTENANCE AND REPAIR ACCOUNT

	(\$ in Thousands)
FY 1999 Program	423,698
FY 1998 Program	468,393

The value of family housing assets maintained by the Army exceeds \$18 billion in replacement costs. Ensuring that these facilities can be continuously occupied requires sound property management and timely recurring maintenance for preservation and protection of this major investment.

Funding in FY 99 for maintenance and repair is adequate to meet the annual recurring maintenance requirement but funds very little major maintenance and repair requirement.

Due to the limited funding available for maintenance and repair, request for major repair projects have been carefully screened to ensure only essential repairs are requested. Repair projects for historic quarters will be reevaluated following completion of the report on historic quarters required by Senate Report 104-287, June 20, 1966.

The Army continues its a whole-house/whole-neighborhood revitalization program to bring existing facilities up to new construction standards. This program combines all improvements with required maintenance and repairs into one project, minimizing quarters downtime and frequent disruptions to residents for piece-meal work. Each unit revitalized eliminates approximately \$6,000 in accumulated maintenance and repair work.

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
MAINTENANCE AND REPAIR ACCOUNT (continued)

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. FY 1997 Appropriated Amount	525,893
Program Decrease - Below Threshold Reprogramming to Fund Operation and leasing requirement.	-5,067
2. FY 1997 Current Estimate	520,826
3. Price Adjustments - Include non-pay inflation and change in the foreign currency exchange rate.	-8,200
4. Program Decreases:	
a. Inventory Reduction (3,484 units)	-6,246
b. Unfunded Maintenance and Repair	-37,987
5. FY 1998 Budget Request	468,393
6. Price Adjustments - Include non-pay inflation and change in the foreign currency	-7,800
7. Program Decreases:	
a. Inventory Reduction (973 units)	-3,561
b. Unfunded Maintenance and Repair	-33,334
8. FY 1999 Budget Request	423,698

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
MAINTENANCE AND REPAIR (Continued)

The Army discontinued collecting Deferred Maintenance and Repair (DMAR) at the end of fiscal year 1995 after implementing the Installation Status Report (ISR), Part I - Facilities. The ISR Part I is a decision support system designed to link current installation conditions and the resources needed to sustain and improve installation and deployment facilities. The ISR provides greater visibility for the dollars and work required, by facility category group, at an installation to improve installation readiness. Commanders assess installation facilities conditions using established Army-wide standards. The ISR integrates these quality and quantity assessments, assigns condition, or "C" ratings to the facilities, and calculates the costs to sustain current conditions or raise the installation's facilities readiness to the desired level.

Using the ISR to estimate total maintenance and repair requirements is different from our previous method of developing estimated deferred maintenance and repair. Previously, our estimate was a measure of maintenance and repair projects planned, but not accomplished. The ISR is a measure of sustainment costs plus quantity shortfalls for facilities. The advantage of using the ISR is that it illustrates the total cost to repair, revitalize, or replace family housing facilities to satisfy the total Army requirement. This allows us to portray our progress toward meeting the total Army housing requirement. Determining this progress, though, can only be accomplished for the budget years once actual maintenance and repair projects have been identified.

The cost to achieve quality condition C1 for family housing facilities is \$5,158 million. This estimate is based on ISR Part I data as of October 1996, and represents the funds necessary to fully correct quality shortfalls in the Army's current family housing inventory.

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1. COMPONENT ARMY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE February 1997	
3. INSTALLATION AND LOCATION Various Locations - World-wide				4. PROJECT TITLE AFH Maintenance and Repair Projects over \$15,000 per Dwelling Unit		
5. PROGRAM ELEMENT 887420		6. CATEGORY CODE 771		7. PROJECT NUMBER Congressional Report Request		8. PROJECT COST (\$000) \$89,646.0
9. COST ESTIMATES						
ITEM				U/M	QUANTITY	UNIT COST
<u>Projects for Repairs to</u> Family Housing Dwelling Units (Non General/Flag Officer Qtrs (GFOQ))				DU	2,263	-- \$89,646.0
10. Description of Proposed Construction Projects include work necessary to provide adequate family quarters by repairing/replacing deteriorated building components, i.e., windows, doors, kitchen and bathroom cabinets, countertops, flooring and floor covering, electrical, mechanical, and sanitary systems, light fixtures, chimneys, gutters and downspouts, roofs, and structural components as required. Replacement of building components in quarters designated as historically significant are performed on life cycle analysis, as applicable, in coordination with the State Historical Preservation Office. 11. Requirement for Project: PROJECT: Provides repair in 2,264 units by replacing deteriorated components and/or building systems. These units do not include general or flag officers quarters as projects for those units are reported separately.						

1. COMPONENT ARMY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1997
3. INSTALLATION AND LOCATION Various Locations - World-wide		
4. PROJECT TITLE Army Family Housing Maintenance and Repair Projects over \$15,000 per Dwelling Unit (DU)		5. PROJECT NUMBER P1920
<p>REQUIREMENTS: Projects are required to accomplish necessary repairs in family quarters to correct deficiencies due to continued use, deterioration or failure of building components. The work proposed is the type necessary to assure continued occupancy, adequately maintain the facility, prevent the unit from further deterioration and is based on life cycle analysis of the component.</p> <p>CURRENT SITUATION: These units vary in age up to 107 years. The buildings are structurally sound and worthy of investment; however, the facility components and utility systems are deteriorated to the extent that maintenance is no longer effective, and major repairs or replacement of components are required. Type of repairs to be performed are based on a cost analysis.</p> <p>NOTE: This information is provided in accordance with the House Appropriation Committee, Report 104-591, May 23, 1996, requiring the Services to report major repairs in family quarters where the costs (obligations) exceed \$15,000 per dwelling unit in a fiscal year. GFOQs are reported separately where the total obligations for maintenance and repair during the fiscal year will exceed \$25,000. The project listing allows for execution of the projects in FY 99. Work required in family quarters designated historically significant will be reevaluated following completion of the review of historic quarters required by Senate Report 104-287, June 20, 1996.</p>		

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NSF</th> <th style="text-align: center;">TOTAL PROJECT NSF</th> <th style="text-align: center;">(\$000) TOTAL CWE</th> <th style="text-align: center;">(\$000) CONCUR PAC</th> </tr> </thead> <tbody> <tr> <td colspan="8"><u>ALABAMA</u></td> </tr> <tr> <td>Fort Rucker (PN 47946)</td> <td style="text-align: center;">88</td> <td style="text-align: center;">1958</td> <td style="text-align: center;">28.6</td> <td style="text-align: center;">1,236</td> <td style="text-align: center;">108,784</td> <td style="text-align: center;">2,521.0</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td colspan="8"> Repair dwelling units by renovating kitchens and bathrooms to include the replacement of cabinets, countertops, fixtures, flooring, gypsum wallboard, components of the electrical and sanitary systems, and painting as required. 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Project also includes the removal of lead-based paint throughout the unit where it can not be encapsulated primarily on the window sash and frames. Major maintenance and repair plus post acquisition construction for the past 5 years: \$114,600 (storm damage). </td> </tr> <tr> <td colspan="8"><u>HAWAII</u></td> </tr> <tr> <td>Aliamanu Military Reservation (PN 48012)</td> <td style="text-align: center;">258</td> <td style="text-align: center;">1978</td> <td style="text-align: center;">31.9</td> <td style="text-align: center;">1,123</td> <td style="text-align: center;">289,674</td> <td style="text-align: center;">8,219.0</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td colspan="8"> Repair dwelling units by renovation of the kitchens to include the repair or replacement of cabinets, countertops, sink, faucets, garbage disposals, rangehoods, components of the electrical and sanitary systems, painting as required. 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STATE <u>INSTALLATION</u>	NO. <u>D.U.</u>	YEAR <u>BUILT</u>	(\$000) AVE D.U. <u>COST</u>	AVG D.U. <u>NSF</u>	TOTAL PROJECT <u>NSF</u>	(\$000) TOTAL <u>CWE</u>	(\$000) CONCUR <u>PAC</u>
Aliamanu Military Reservation (PN 48013)	181	1978	32.0	1,042	188,676	5,800.0	0.0
Repair dwelling units by renovation of the kitchens to include the repair or replacement of cabinets, countertops, sink, faucets, garbage disposals, rangehoods, components of the electrical and sanitary systems, painting as required. Repairs also includes replacement of portions of the structural floor joists, sheathing, and floor coverings. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							
Aliamanu Military Reservation (PN 48014)	140	1978	31.9	1,054	147,614	4,459.0	0.0
Repair dwelling units by renovation of the kitchens to include the repair or replacement of cabinets, countertops, sink, faucets, garbage disposals, rangehoods, components of the electrical and sanitary systems, painting as required. Repairs also includes replacement of portions of the structural floor joists, sheathing, and floor coverings. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							
Aliamanu Military Reservation (PN 48015)	188	1978	31.9	1,171	220,223	6,000.0	0.0
Repair dwelling units by renovation of the kitchens to include the repair or replacement of cabinets, countertops, sink, faucets, garbage disposals, rangehoods, components of the electrical and sanitary systems, painting as required. Repairs also includes replacement of portions of the structural floor joists, sheathing, and floor coverings. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							
Aliamanu Military Reservation (PN 48016)	246	1978	31.9	1,061	260,978	7,836.0	0.0
Repair dwelling units by renovation of the kitchens to include the repair or replacement of cabinets, countertops, sink, faucets, garbage disposals, rangehoods, components of the electrical and sanitary systems, painting as required. Repairs also includes replacement of portions of the structural floor joists, sheathing, and floor coverings. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							

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Major maintenance and repair plus post acquisition construction for the past 5 years: None. </td> </tr> <tr> <td>Aliamanu Military Reservation (PN 48019)</td> <td style="text-align: center;">218</td> <td style="text-align: center;">1978</td> <td style="text-align: center;">31.9</td> <td style="text-align: center;">1,159</td> <td style="text-align: center;">252,577</td> <td style="text-align: center;">6,944.0</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td colspan="8" style="padding-top: 10px;"> Repair dwelling units by renovation of the kitchens to include the repair or replacement of cabinets, countertops, sink, faucets, garbage disposals, rangehoods, components of the electrical and sanitary systems, painting as required. Repairs also includes replacement of portions of the structural floor joists, sheathing, and floor coverings. 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<u>GERMANY</u>							
Bad Kreuznach (PN 47930)	44	1952	66.5	1,128	49,648	2,928.0	0.0
Repair dwelling units by repairing or replacing kitchen and bathroom cabinets, countertops, floor coverings, wall tile, components of the electrical, mechanical, and sanitary systems, hot and cold water lines, hot water generator, paint and cleanup as required. Work also includes the removal of lead-based paint. Major maintenance and repair plus post acquisition construction for the past five years: None.							
Bamberg (PN 46506)	96	1955	60.4	1,600	153,600	5,799.0	0.0
Repair dwelling units by repairing or replacing kitchen cabinets, countertops, flooring and floor coverings, wall tile, components of the electrical, mechanical, and sanitary systems, doors, interior plaster on walls and ceilings, stairwells, paint and cleanup as required. Work also includes the removal of lead-based paint. Major maintenance and repair plus post acquisition construction for the past five years: None.							
Baumholder (PN 48043)	108	1952	31.9	680	73,386	3,450.0	0.0
Repair dwelling units by repairing and upgrade the fire/smoke detection system requirements in the building stairwell and basement areas, replace stairwell windows, emergency lighting, install fire and alarm system to include outside emergency lighting and acoustic horn, repair components of the stairwells, paint and cleanup as required. Major maintenance and repair plus post acquisition construction for the past five years: None.							

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Mannheim (PN 47898)	32	1953	71.2	1,238	39,616	2,277.0	0.0
Repair dwelling units by renovating the kitchens and bathrooms to include repairing or replacing kitchen and bathroom cabinets, countertops, floor coverings, ceramic wall tile, interior walls and ceilings, components of the electrical, mechanical, and sanitary systems, roof, rangehood, built-in wardrobes, paint and cleanup as required. Work also includes the installation of fire alarm system in stairwells and basement hallways. Major maintenance and repair plus post acquisition construction for the past five years: None.							
Wiesbaden (PN 47928)	66	1952	64.8	1,065	70,290	4,276.0	0.0
Repair dwelling units by renovating the kitchens and bathrooms to include repairing or replacing kitchen and bathroom cabinets, countertops, floor coverings, ceramic wall tile, interior walls and ceilings, components of the electrical, mechanical, and sanitary systems, roof, rangehood, built-in wardrobes, abatement of lead-based paint, paint and cleanup as required. Work also includes the installation of fire alarm system in stairwells and basement hallways. Major maintenance and repair plus post acquisition construction for the past five years: None.							
<u>KOREA</u>							
Camp Walker (PN 48067)	28	1959	111.6	1,600	44,800	3,124.0	0.0
Repair dwelling units by the repair or replacement of components of the electrical, mechanical, and sanitary systems, walls and ceilings, windows and casings, floor coverings, doors, kitchen and bathroom cabinets, countertops, insulation, eaves, gutters and downspouts, install rigid exterior insulation, HVAC system, paint and cleanup as required. Work also includes the addition of a mechanical room with the relocation of the hot water heater from the kitchen area. The removal of asbestos with be accomplished. Major maintenance and repair plus post acquisition construction for the past five years: None							
Yongsan (PN 47997)	4	1960	72.0	1,700	6,800	288.0	0.0
Repair dwelling units by the repair or replacement of components of the electrical, mechanical, and sanitary systems, walls and ceilings, windows and casings, floor coverings, doors, kitchen and bathroom cabinets, countertops, insulation, eaves, gutters and downspouts, install rigid exterior insulation, HVAC system, paint and cleanup as required. Major maintenance and repair plus post acquisition construction for the past five years: None							

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Yongsan (PN 47998)	4	1960	71.0	1,700	6,800	284.0	0.0
Repair dwelling units by the repair or replacement of components of the electrical, mechanical, and sanitary systems, walls and ceilings, windows and casings, floor coverings, doors, kitchen and bathroom cabinets, countertops, insulation, eaves, gutters and downspouts, install rigid exterior insulation, HVAC system, paint and cleanup as required. Major maintenance and repair plus post acquisition construction for the past five years: None							
Yongsan (PN 48049)	30	1958	78.9	1,900	57,000	2,366.0	0.0
Repair dwelling units by the repair or replacement of the electrical and sanitary systems, components of the mechanical system, wall and ceiling gypsum board, windows and frames, flooring and floor coverings, doors, kitchen and bathroom cabinets, countertops, HVAC system, paint and cleanup as required. Work also includes the removal of asbestos and the replacement of the fire protection system. Major maintenance and repair plus post acquisition construction for the past five years: None							
Yongsan (PN 48050)	30	1959	78.9	1,900	57,000	2,366.0	0.0
Repair dwelling units by the repair or replacement of the electrical and sanitary systems, components of the mechanical system, wall and ceiling gypsum board, windows and frames, flooring and floor coverings, doors, kitchen and bathroom cabinets, countertops, HVAC system, paint and cleanup as required. Work also includes the removal of asbestos and the replacement of the fire protection system. Major maintenance and repair plus post acquisition construction for the past five years: None							

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ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE

GENERAL/FLAG OFFICER QUARTERS (GFOQs)
ESTIMATED MAINTENANCE AND REPAIRS
EXCEEDING \$25,000 PER DWELLING UNIT

The projects list in this section is provided in accordance with the reporting requirement stated in House Report 104-591, May 23, 1996. This section provides information regarding the anticipated costs for those GFOQs where maintenance and repair obligations in FY 99 are expected to exceed \$25,000 per dwelling unit. Maintenance and repairs include recurring work (service calls, preventive maintenance, and routine work between occupancy), as well as major repairs. Thirty-one GFOQs are listed, with a total maintenance and repair cost of \$1,864,203.

In those quarters designated as historic, major work is coordinated with the appropriate State Historic Preservation Office. The majority of our GFOQs were built prior to the current size limitations and are generally larger than more contemporary structures. The Army has stewardship for historic dwelling units and a legal responsibility under the provisions of the National Historic Preservation Act, P.L. 89-665 as amended, to preserve and maintain these units. Deferring required repairs will accelerate the rate of deterioration, increase the final cost of repairs, and preclude compliance with Congressionally directed preservation responsibilities. However the cost of each of the projects involving historic quarters will be reevaluated following completion of the review of historic quarters required by Senate Report 104-287, June 20, 1996.

Experience has shown that it is more cost effective to execute one large repair project on a unit to eliminate the deficiencies in lieu of programming multiple smaller projects spread over several years. The Army's project review and approval process eliminates unnecessary maintenance and repair. The requested repairs are necessary to ensure that the quarters are maintained in a safe, sanitary and livable condition. Failure to make these repairs will critically impact the condition of quarters and may render them uninhabitable.

ARMY FAMILY HOUSING
 FY 1999 BUDGET ESTIMATE
 GENERAL/FLAG OFFICER QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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DISTRICT OF COLUMBIA

Fort McNair

(PN 47984)

4 Second Ave	3,169	yes	1903	\$67,500	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$30,500; interior paint - \$15,000; major repairs include renovation of guest bathroom - \$15,000; grounds maintenance while vacant - \$1,000.

(PN 44685)

6 Second Ave	3,184	yes	1903	\$40,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine and preventative maintenance - \$12,000; design cost for FY 00 whole house preservation - \$22,000.

8 Second Ave	4,057	yes	1905	\$34,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$12,000; interior painting - \$15,000; grounds maintenance while vacant - \$1,000.

(PN 44694)

9 Second Ave	4,278	yes	1903	\$37,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine and preventative maintenance - \$9,000; design cost for FY 00 whole house preservation - \$22,000.

ARMY FAMILY HOUSING
 FY 1999 BUDGET ESTIMATE
 GENERAL/FLAG OFFICER QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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Ft McNair (cont'd)
 (PN 44696)

10 Second Ave	3,169	yes	1903	\$237,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$9,000; major repairs include whole house preservation project to include repair/upgrade of interior electrical wiring, repair/replace interior plumbing; repair/closing of chimneys, masonry repairs and exterior painting, repair/replace rotten wood on interior and exterior, upgrade kitchen and bathrooms, repair pocket doors, restore hardwood floors, remove excess paint on wood, and replace/restore windows - \$220,000; grounds maintenance while vacant - \$2,000.

14 Second Ave	3,169	yes	1903	\$56,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$33,000; interior paint - \$15,000; grounds maintenance while vacant - \$2,000.

NEW YORK

West Point

102 Wash. Rd	6,000	yes	1857	\$27,500	-	-
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Maintenance and repairs include service calls - \$3,000; routine maintenance and preventative maintenance - \$3,000; interior painting - \$1,000; replacement of seven lead glass windows - \$7,500; design cost for installation of air conditioning - \$10,000; grounds maintenance - \$3,000.

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
GENERAL/FLAG OFFICER QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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PENNSYLVANIA

Carlisle Barracks
(PN 42954)

3 Garrison Ln	4,386	yes	1892	\$30,000	-	-
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Maintenance and repairs include service calls - \$2,500; routine maintenance and change of occupancy maintenance - \$3,000, interior painting - \$4,500; repair kitchen, includes repair to failing cabinets including pantry cabinets; repair failing countertops and vinyl flooring; abate lead-base paint, repair plaster walls and ceilings, and paint kitchen and pantry - \$20,000.

VIRGINIA

Fort Belvoir

1 Fairfax Dr	7,262	yes	1935	\$36,699	-	-
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Maintenance and repairs include service calls - \$3,829; routine and preventative maintenance - \$21,970; interior painting - \$2,400; major repairs includes bathroom renovation - \$8,500.

Fort Monroe

33 Fenwick	9,482	yes	1908	\$35,500	-	-
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Maintenance and repairs include service calls - \$2,000; routine maintenance and preventative maintenance - \$2,000; repair by replacement central air conditioning on 2nd floor of quarters - \$30,000; grounds maintenance - \$1,500.

Fort Myer

(PN 44369)

1 Washington	8,460	yes	1899	\$87,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$14,000; interior painting - \$25,000; major repairs include bathroom renovation - \$20,000; repair wooden floors - \$20,000; grounds maintenance while vacant - \$2,000.

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
GENERAL/FLAG OFFICER QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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VIRGINIA (cont'd)

Fort Myer (cont'd)

(PN 47990)

6 Grant Ave	7,365	yes	1908	\$58,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine and preventative maintenance - \$12,000; exterior painting - \$20,000; major repairs include one bathroom renovation - \$20,000.

7 Grant Ave	4,707	yes	1908	\$44,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$18,000; interior painting - \$20,000.

(PN 44607)

12A Jackson	2,701	yes	1892	\$241,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$13,000; major repairs include whole house preservation project to include repair/upgrade of interior electrical wiring, repair/replace interior plumbing; repair/closing of chimneys, masonry repairs and exterior painting, repair/replace rotten wood on interior and exterior, upgrade kitchen and bathrooms, repair pocket doors, restore hardwood floors, remove excess paint on wood, and replace/restore windows - \$220,000; grounds maintenance while vacant - \$2,000.

(PN 44607)

12B Jackson	2,774	yes	1892	\$238,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$10,000; major repairs include whole house preservation project to include repair/upgrade of interior electrical wiring, repair/replace interior plumbing; repair/closing of chimneys, masonry repairs and exterior painting, repair/replace rotten wood on interior and exterior, upgrade kitchen and bathrooms, repair pocket doors, restore hardwood floors, remove excess paint on wood, and replace/restore windows - \$220,000; grounds maintenance while vacant - \$2,000.

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
GENERAL/FLAG OFFICER QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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VIRGINIA (cont'd)

Fort Myer (cont'd)

(PN 47992)

13B Jackson	1,903	yes	1973	\$41,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$12,000; interior painting - \$7,000; major repairs include bathroom renovation - \$15,000; grounds maintenance while vacant - \$1,000.

23A Lee Ave	2,778	yes	1896	\$29,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$12,000; interior painting - \$10,000; grounds maintenance while vacant - \$1,000.

24B Lee Ave	2,682	yes	1896	\$29,000	-	-
-------------	-------	-----	------	----------	---	---

Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$12,000; interior painting - \$10,000; grounds maintenance while vacant - \$1,000.

25B Lee Ave	2,594	yes	1896	\$29,000	-	-
-------------	-------	-----	------	----------	---	---

Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$12,000; interior painting - \$10,000; grounds maintenance while vacant - \$1,000.

26A Lee Ave	2,999	yes	1896	\$61,000	-	-
-------------	-------	-----	------	----------	---	---

Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$9,000; interior painting - \$15,000; major repairs include kitchen renovation - \$30,000; grounds maintenance while vacant - \$1,000.

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
GENERAL/FLAG OFFICER QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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BELGIUM (\$/BF 32.24)

Quarters 1	10,411	yes	1800	\$32,726	-	-
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Maintenance and repairs include service calls - \$16,183; routine and preventative maintenance - \$8,678; interior painting - \$5,089; incidental improvements - \$2,776.

GERMANY (\$/DM 1.56)

Garmisch

(PN 48000)

Riessersee 20	7,000	no	1911	\$46,382	-	-
---------------	-------	----	------	----------	---	---

Maintenance and repairs include service calls - \$2,138; routine and preventative maintenance - \$3,718; interior painting - \$4,647; major project to repair the bathroom and the walls, floors, and ceilings of the guest rooms - \$27,885; design costs for guest room repairs - \$3,625; grounds maintenance - \$4,369.

Heidelberg

(PN 47976)

02 Concord	2,414	no	1956	\$33,182	-	-
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Maintenance and repairs include service calls - \$929; routine and preventative maintenance - \$2,974; roof replacement includes removal of old roofing tiles and wood lath, replace wood lath, install thermal insulation and concrete roof tiles, and installation of scaffolding - \$27,885; grounds maintenance - \$1,394.

(PN 47976)

07 Concord	2,414	no	1956	\$33,182	-	-
------------	-------	----	------	----------	---	---

Maintenance and repairs include service calls - \$1,115; routine and preventative maintenance - \$2,788; roof replacement includes removal of old roofing tiles and wood lath, replace wood lath, install thermal insulation and concrete roof tiles, and installation of scaffolding - \$27,885; grounds maintenance - \$1,394.

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
GENERAL/FLAG OFFICER QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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GERMANY (cont'd)

Heidelberg (cont'd)

(PN 47976)

08 Concord	2,414	no	1956	\$39,410	-	-
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Maintenance and repairs include service calls - \$2,788; routine maintenance and change of occupancy maintenance - \$3,625; exterior paint - \$3,718; roof replacement includes removal of old roofing tiles and wood lath, replace wood lath, install thermal insulation and concrete roof tiles, and installation of scaffolding - \$27,885; grounds maintenance - \$1,394.

(PN 47976)

09 Concord	2,414	no	1956	\$33,182	-	-
------------	-------	----	------	----------	---	---

Maintenance and repairs include service calls - \$929; routine and preventative maintenance - \$2,974; roof replacement includes removal of old roofing tiles and wood lath, replace wood lath, install thermal insulation and concrete roof tiles, and installation of scaffolding - \$27,885; grounds maintenance - \$1,394.

(PN 47976)

13 N. Lexington	2,414	no	1956	\$40,340	-	-
-----------------	-------	----	------	----------	---	---

Maintenance and repairs include service calls - \$3,718; routine maintenance and change of occupancy maintenance - \$3,625; exterior paint - \$3,718; roof replacement includes removal of old roofing tiles and wood lath, replace wood lath, install thermal insulation and concrete roof tiles, and installation of scaffolding - \$27,885; grounds maintenance - \$1,394.

(PN 47976)

15 N. Lexington	2,414	no	1956	\$39,688	-	-
-----------------	-------	----	------	----------	---	---

Maintenance and repairs include service calls - \$929; routine and preventative maintenance - \$2,974; exterior paint - \$6,506; roof replacement includes removal of old roofing tiles and wood lath, replace wood lath, install thermal insulation and concrete roof tiles, and installation of scaffolding - \$27,885; grounds maintenance - \$1,394.

ARMY FAMILY HOUSING
 FY 1999 BUDGET ESTIMATE
 GENERAL/FLAG OFFICER QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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GERMANY (cont'd)

Heidelberg (cont'd)

(PN 47976)

26 San Jacinto	3,219	no	1956	\$39,689	-	-
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Maintenance and repairs include service calls - \$3,718; routine maintenance and change of occupancy maintenance - \$2,974; interior paint - \$3,718; roof replacement includes removal of old roofing tiles and wood lath, replace wood lath, install thermal insulation and concrete roof tiles, and installation of scaffolding - \$27,885; grounds maintenance - \$1,394.

(PN 47976)

30 San Jacinto	3,219	no	1956	\$35,041	-	-
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Maintenance and repairs include service calls - \$2,788; routine and preventative maintenance - \$2,974; roof replacement includes removal of old roofing tiles and wood lath, replace wood lath, install thermal insulation and concrete roof tiles, and installation of scaffolding - \$27,885; grounds maintenance - \$1,394.

(PN 47976)

39 San Jacinto	3,219	no	1956	\$33,182	-	-
----------------	-------	----	------	----------	---	---

Maintenance and repairs include service calls - \$929; routine and preventative maintenance - \$2,974; roof replacement includes removal of old roofing tiles and wood lath, replace wood lath, install thermal insulation and concrete roof tiles, and installation of scaffolding - \$27,885; grounds maintenance - \$1,394.

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FEBRUARY 1997

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
REIMBURSABLE PROGRAM

	(\$ in Thousands)
FY 1999 Program	17,000
FY 1998 Program	17,000

The reimbursable program provides for the collection and use of payments for utilities and services, routine maintenance and repair, rents associated with the use of government housing and trailer pads by authorized occupants, and damages caused by occupant negligence.

The following table shows the source of receipts for the family housing account.

	<u>FY 1997</u>	<u>FY 1998</u>	<u>FY 1999</u>
Non-Federal Sources	13,860	11,220	11,220
Federal Sources	7,140	5,780	5,780

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ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
LEASING ACCOUNT

(\$ in Thousands)

FY 1999 Program	241,458
FY 1998 Program	234,053

PURPOSE AND SCOPE

The purpose of the leasing program is to provide family housing at both domestic and foreign locations when additional housing is needed to satisfy a housing deficit and the local economy cannot provide adequate support. The leasing program, authorized by 10 U.S.C. 2828, provides for the payment of rent, operating, and maintenance costs of privately owned quarters assigned to military families as government quarters. The program also includes funds needed to pay for services such as utilities, refuse collection, and maintenance when these services are not part of the contract agreement.

The Army continues to rely on the private sector to meet the majority of housing needs. Where private sector rental markets cannot meet Army requirements, and cost effective alternatives do not exist, short and long-term leases are utilized. In high cost areas and overseas, the Army leases housing that the service members could not afford.

PROGRAM SUMMARY

Authorization is requested for the appropriation of \$241,458,000 to fund leases and related expenses in FY 1999. A summary of the leasing program follows:

<u>Lease Type</u>	<u>FY 97</u>		<u>FY 98</u>		<u>FY 99</u>	
<u>Supported</u>	<u>Cost</u> <u>\$000</u>	<u>Supported</u>	<u>Cost</u> <u>\$000</u>	<u>Supported</u>	<u>Cost</u> <u>\$000</u>	
Domestic	120	1,564	71	1,176	63	1,008
Sec. 2835	4,080	54,115	4,080	55,147	4,080	56,356
Foreign - GRHP	8,613	143,583	9,033	144,856	9,296	152,092
GRHP	2,180	35,520	2,135	32,874	2,034	32,002
Total	14,993	234,782	15,319	234,053	15,473	241,458

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
LEASING ACCOUNT (continued)

JUSTIFICATION:

1. Domestic Leasing. The domestic leasing program provides temporary housing for Army families pending availability of permanent housing.

2. Section 2835. The Army leases family housing at seven installations under the provisions of 10 U.S.C. 2835, Long Term Leasing of Military Family Housing to be Constructed (formerly known as Section 801 housing). Under this program the Army leases family housing units from a private sector developer for up to 20 years. The units are assigned as military housing to soldiers and their families. This program helped reduce our CONUS family housing deficit at sites where Army families were the most seriously affected by housing shortages. Funds are requested to continue payment of lease costs and operation and maintenance expenses. The FY 1999 budget request includes 4,080 occupied units.

3. Foreign Leasing. The FY 1999 total foreign leasing program request consists of approximately 11,300 leased units. The majority of foreign leases are in Germany. Approximately 2,000 of these leases comprise the Governmental Rental Housing Program (GRHP). Under GRHP, the U.S. Government leases existing, individual housing units in Europe. The Army negotiates, executes and manages the lease contracts, and assumes responsibility for paying the costs. Soldier occupants forfeit their housing allowances and agree to occupy GRHP leased housing for their entire tour. GRHP leases are terminated when soldiers' tours end. This program allows soldiers to be housed quickly, without large out-of-pocket expenses. There are no early termination costs.

FEBRUARY 1997

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
LEASING ACCOUNT (continued)

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

\$ In Thousands

1. FY 1997 Appropriated Amount	227,515
2. Below Threshold Reprograming	+7,267
3. FY 1997 Current Estimate	234,782
4. Price Growth for inflation & foreign currency	-6,235
5. Program Increases: Increase in lease inventory; 326 units	+5,506
6. FY 1998 Budget Request	234,053
7. Price Growth for inflation & foreign currency	+3,829
8. Program Increases: Increase in lease inventory; 217 units	+3,576
9. FY 1999 Budget Request	241,458

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ARMY FAMILY HOUSING

FY 1999 BUDGET ESTIMATE

	FY 97		FY 98		FY 99	
	Units	Months	Units	Months	Units	Months
	Supported	Purchsd (\$000)	Supported	Purchsd (\$000)	Supported	Purchsd (\$000)
FOREIGN AREA OFFICERS						
Bangladesh	1	12	1	12	1	12
Botswana	1	12	1	12	1	12
Cameroon	1	12	1	12	1	12
China (Beijing)	2	24	2	24	2	24
Croatia	1	12	1	12	1	12
Egypt	2	24	2	24	2	24
Greece	1	12	1	12	1	12
Hungary (Budapest)	1	12	1	12	1	12
India	2	24	2	24	2	24
Indonesia	1	12	1	12	1	12
Israel	1	12	0	0	0	0
Ivory Coast	1	12	1	12	1	12
Jordan	4	48	4	48	4	48
Kazakhstan	1	12	1	12	1	12
Kenya (MEDCOM)	6	72	6	72	6	72
Kuwait	1	12	1	12	1	12
Malaysia	1	12	1	12	1	12
Morocco	1	12	1	12	1	12
Niger	1	12	1	12	1	12
Pakistan	1	12	1	12	1	12
Poland	1	12	1	12	1	12
Portugal	1	12	1	12	1	12
Romania	1	12	1	12	1	12
Russia	2	24	2	24	2	24
Senegal	1	12	1	12	1	12
Tunisia	1	12	1	12	1	12
Turkey	2	24	2	24	1	12
Ukraine	1	12	1	12	1	12
Zimbabwe	1	12	1	12	1	12
Turkey (TRADOC)	1	12	1	12	1	12
Israel (TRADOC)	1	12	1	12	1	12
Total Foreign Area Officer	44	528	43	516	42	504
		1,308		1,298		1,300
Total Foreign Leasing	10,793	129,516	11,168	134,016	11,330	135,960
		179,103		177,730		184,094
TOTAL LEASING PROGRAM	14,993	179,916	15,319	183,828	15,473	185,676
		234,782		234,053		241,458

ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
FY 1999 SUMMARY SHEET FOR HIGH COST LEASES

<u>COUNTRY</u>	<u>HIGH COST</u>		<u>FOREIGN CURRENCY</u>	<u>FY 88</u>	<u>FY 99</u>	<u>ADJUSTED**</u>
	<u>LEASES</u>	<u>LEASES</u>		<u>RATE</u>	<u>RATE</u>	<u>FY 99 CAP</u>
Belgium	200	13	Franc	42.77	32.24	\$29,648
Germany	6948	0	Deutsche Mark	2.06	1.56	\$29,512
Italy	560	3	Lira	1423.00	1534.20	\$20,729
Ivory Coast	1	1	CFAF	297.85	509.66	\$13,061
Netherlands	263	2	Guilder	2.33	1.75	\$29,756
Saudi Arabia	1	1	Riyal	3.75	3.75	\$22,349
Qatar	1	1	Riyal	3.64	3.64	\$22,349

** The adjusted high cost cap is determined by multiplying \$22,349 (FY 97 high cost lease limit adjusted for CPI) times the FY 88 exchange rate divided by the FY 98 exchange rate. Leases exceeding this cap are counted against the number of high cost leases allowed.

Note: Foreign Area Officer Leases participate in the Department of State Housing Pool and are not subject to the maximum lease amounts cited for foreign leases in Section 2828(e)(1) of title 10, United States Code. Clarification of Participation in Department of State Housing Pools is discussed in Section 2806 of title 10, United States Code.

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ARMY FAMILY HOUSING
FY 1999 BUDGET ESTIMATE
DEBT PAYMENT ACCOUNT

(\$ in Thousands)

FY 1999 Program	3
FY 1998 Program	3

PURPOSE AND SCOPE

This program includes payments of Servicemen's Mortgage Insurance Premiums to the Federal Housing Administration for mortgages assumed by active military personnel for housing purchased by them. The Army has no outstanding debt for Capehart or Wherry mortgages.

PROGRAM SUMMARY

Authorization is required for the appropriation of \$3,000 in FY 1999.

JUSTIFICATION

This program provides for the payment of premiums due on mortgage insurance provided by the Federal Housing Administration for housing mortgages purchased by active duty military personnel. Also, it continues payments for cases where a service member dies while on active duty and leaves a surviving spouse as owner of the property. Payments extend for a period of two years after death, or until the spouse disposes of the property, whichever occurs first. The premium rate is 1/2 of 1 percent of the unpaid balance of the mortgage. This program was discontinued through Public Law 93-130 (Military Construction Appropriation Act, 1980) which allowed coverage only on existing mortgages obtained prior to FY 1980.

SERVICEMEN'S MORTGAGE INSURANCE PREMIUMS

FISCAL YEAR	ESTIMATED TERMINATIONS	NUMBER MORTGAGES WITH PAYMENTS	(\$) ESTIMATED AVERAGE PAYMENT	(\$000) ESTIMATED PAYMENT FOR YEAR
1997	4	11	630.00	7
1998	0	7	400.00	3
1999	0	7	400.00	3
2000	0	7	400.00	3

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PART III HOMEOWNERS ASSISTANCE

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February 1997

HOMEOWNERS ASSISTANCE FUND, DEFENSE
FY 1999 BUDGET ESTIMATE
SUMMARY

(In Thousands)

FY 1999 Program	\$ 40,229
FY 1998 Program	\$ -0-

Program and Scope

This fund finances a program for providing assistance to homeowners by reducing their losses incident to the disposal of their homes when the military installations at or near where they are serving or employed are ordered to be closed or the scope of operations is reduced. It was established in recognition of the fact that base closure and reduction actions can have serious economic effects on local communities. Military, federal civilian personnel and Non-appropriated Fund employees, who are required to relocate as a result of or during such actions, frequently cannot dispose of their homes under reasonable terms and conditions, and suffer severe financial hardship.

In order to determine the effect of the closure or reduction action on local communities, a Market Impact Study (MIS) is performed. The MIS addresses market conditions and overall economic conditions relative to the closure or reduction action, and includes appraisals of area properties before and after the announcement. Factors in determining market impact include: a significant decline in real estate market value; significant increases in inventory of unsold houses, average number of days on the market; foreclosures; decrease in home sales; and inability of affected personnel to sell homes for the amount of the existing mortgage. If the MIS demonstrates sufficient impact on the market and establishes a causal relationship, a program is approved. Eligible applicants may be reimbursed for certain losses resulting from the sale of their home.

Benefits under the program include payment of partial compensation for losses sustained in the private sale of the dwelling; payment of the costs of a judicial foreclosure of a mortgage; or purchase

of a dwelling by liquidating or assuming the outstanding mortgage. Although the program provides for acquisition of dwellings, the Government does so only for the accommodation of the applicant. The homes are then resold by the Government. Every effort is made to insure that each applicant is treated equally and receives the maximum benefits under the law as rapidly as practicable, but with a minimum expenditure of time and money for administration.

Program Summary

The FY 1999 budget requests authorization of appropriation and appropriation in the amount of \$40,229,000 to fund Homeowners Assistance Fund program expenses. Total program requirements for the FY 1999 program are estimated at \$131,673,000 and will be funded with requested budget authority, revenue from sales of acquired properties, and prior year unobligated balances. Program increases are primarily the result of bases and installations approved for closure and realignment. Future base closure actions will continue to have a significant impact on this account.

The Homeowners Assistance Fund, Defense (HOA) is a non-expiring revolving fund. As shown on the Program Financial Summary chart, the fund receives funding from several sources: appropriations, borrowing authority, reimbursable authority, prior fiscal year unobligated balances, revenue from sale of acquired properties, and recovery of prior year obligations. Program expenses include payments to homeowners for losses on private sales; cost of judicial foreclosure; property acquisition by liquidating and/or assuming outstanding mortgages; partial payment of homeowners' lost equity on government acquisitions; retirement of debt after sale of properties when the government assumed the mortgages; and administrative expenses.

The fund is not a profit-making endeavor. Although the proceeds from the sale of homes are returned to the fund, this revenue does not totally replenish it nor totally fund projected requirements. Since the Homeowners Assistance Fund is not self-sustaining, appropriated funds are required to maintain its solvency as a revolving fund. The FY 1999 budget request of \$40,229,000 is necessary to maintain the fund's solvency and fund FY 1999 program requirements.

February 1997

AUTHORIZATION AND
APPROPRIATION LANGUAGE
HOMEOWNERS ASSISTANCE FUND, DEFENSE
FY 1999

For use in the Homeowners Assistance Fund established pursuant to section 1013(d) of the Demonstration Cities and Metropolitan Development Act of 1966, as amended (42 U.S.C. 3374), [\$36,131,000] \$40,229,000, to become available on October 1, 1998 and remain available until expended.

The chart below is a summary of the funding for the FY1997, FY 1998 and FY 1999

PROGRAM FINANCIAL SUMMARY

HOMEOWNERS ASSISTANCE FUND, DEFENSE	FY 1997	FY 1998	FY 1999
I. PROGRAM RESOURCES			
New Appropriation Requested	36,181,000	0	40,229,000
Indefinite Borrowing Authority	0	0	0
Total Budget Authority Requested	36,181,000	0	40,229,000
II. REIMBURSABLE RESOURCES			
Reimbursable Authority	0	0	0
III. OTHER PROGRAM RESOURCES			
Prior FY Unobligated Balance Brought Forward	88,768,000	88,768,000	23,644,000
Anticipated Revenue from Sale of Real Property	127,219,000	78,069,000	85,631,000
Appropriation Transfers	0	0	0
Unobligated Balance Transferred to Others	0	0	0
Indefinite Borrowing Authority Withdraw			
P&FC rounding, Budget Plan			
Recovery of Prior Year Balances	0	0	0
IV. TOTAL PROGRAM RESOURCES	252,168,000	166,837,000	149,504,000
V. PLANNED PROGRAM EXECUTION			
Payments to Homeowners	21,278,000	15,621,000	13,240,000
Other Operating Cost	42,230,000	31,697,000	29,665,000
Acquisition of Real Property	99,892,000	95,875,000	88,768,000
Mortgages Assumed	0	0	0
Retirement of Debt - Authority Withdrawn	0	0	0
VI. TOTAL PLANNED PROGRAM EXPENSE	163,400,000	143,193,000	131,673,000
VII. ANTICIPATED EOY UNOBLIGATED			
Balance Carried Forward	88,768,000	23,644,000	17,831,000

Homeowners Asst Fund, Def.
Program and Financing (in Thousands of dollars)

Identification code	97-4090-0-3-051	1996 actual	1997 est.	1998 est.	1999 est.
Program by activities:					
Direct program:					
01.0101	Payment to homeowners (private sale and foreclosure assistance)	20,563	21,278	15,621	13,240
01.0201	Other operating costs	31,192	42,230	31,697	29,665
02.0101	Acquisition of real property	66,111	99,892	95,875	88,768
02.9101	Total program	117,866	163,400	143,193	131,673
10.0001	Total obligations	117,866	163,400	143,193	131,673
Financing:					
Offsetting collections from:					
14.0001	Non-Federal sources(-)	-85,631	-127,219	-78,069	-85,631
17.0001	Recovery of prior year obligations	-7,126			
21.9001	Unobligated balance available, start of year:				
	Unobligated balance, SOY: Fund balance	-38,019	-88,768	-88,768	-23,644
24.9001	Unobligated balance available, end of year:				
	Unobligated balance, EOY: Fund balance	88,768	88,768	23,644	17,831
32.4701	Balance of authority to borrow withdrawn	311			
39.0001	Budget authority	76,168	36,181		40,229
Budget authority:					
40.0001	Appropriation	75,586	36,181		40,229
67.1501	Authority to borrow (indefinite)	582			
Relation of obligations to outlays:					
71.0001	Obligations incurred	32,235	36,181	65,124	46,042
72.1001	Orders on hand, SOY	-2,810	-548	-50,000	-50,000
72.9001	Obligated balance, start of year: Obligated balance, start of year, fund	23,853	17,838	12,426	17,018
74.1001	Orders on hand, EOY	548	50,000	50,000	50,000
74.9001	Obligated balance, end of year: Obligated balance, end of year, fund ba	-17,838	-12,426	-17,018	-24,770
78.0001	Adjustments in unexpired accounts	-7,126			
90.0001	Outlays (net)	28,862	91,045	60,532	38,290

Homeowners Asst Fund, Def.
Object Classification (in Thousands of dollars)

Identification code	97-4090-0-3-051	1996 actual	1997 est.	1998 est.	1999 est.
Direct obligations:					
Personnel compensation:					
111.801	Special personal services payments	11,379	10,642		
121.001	Travel and transportation of persons	328	406		
125.101	Advisory and assistance services	1,617	5,901		
125.201	Other services with the private sector	17,868	25,281	143,193	131,673
132.001	Land and structures	73,236	99,892		
142.001	Insurance claims and indemnities	13,438	21,278		
199.001	Total Direct obligations	117,866	163,400	143,193	131,673
999.901	Total obligations	117,866	163,400	143,193	131,673